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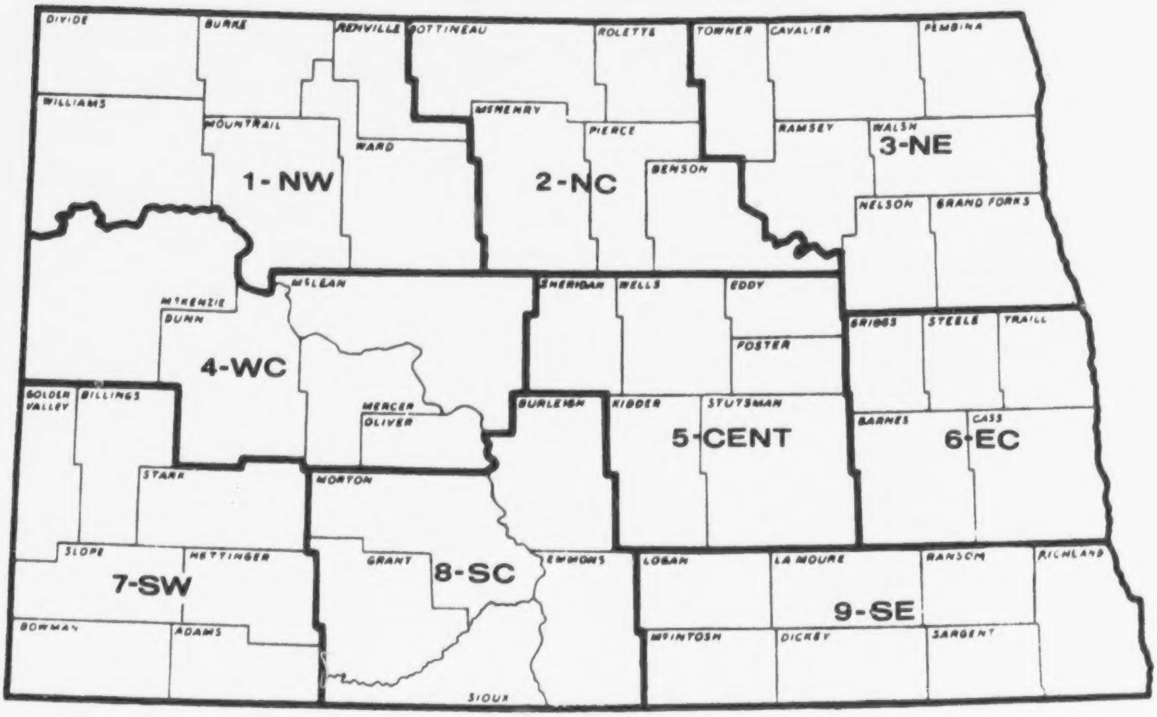
NORTH DAKOTA AGRICULTURAL STATISTICS

Ag. Statistics No. 56
June 1987

NORTH DAKOTA

CROP REPORTING DISTRICTS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PIERCE
RAMSEY
WALSH
3-NE
1-NW
2-NC
BENSON
NELSON
GRAND FORKS
McKENZIE
McLEAN
SHERIDAN
WELLS
EDDY
DUNN
FOSTER
GRIGGS
STEELE
TRAILL
4-WC
GOLDEN VALLEY
BILLINGS
MERCER
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BURLEIGH
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STUTSMAN
5-CENT
BARNES
CASS
6-EC
STARK
MORTON
SLOPE
HETTINGER
GRANT
8-SC
EMMONS
LOGAN
LA MOURE
RANSOM
RICHLAND
7-SW
9-SE
BOWMAN
ADAMS
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NORTH DAKOTA

AGRICULTURAL STATISTICS

1987

Compiled by

NORTH DAKOTA AGRICULTURAL STATISTICS SERVICE

345 U.S. Post Office - Federal Building
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Issued
Cooperatively
by

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U.S. DEPARTMENT OF AGRICULTURE
NATIONAL AGRICULTURAL
STATISTICS SERVICE

Charles E. Caudill,
Administrator

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U.S. Department of Agriculture
National Agricultural
Statistics Service

Cooperating
North Dakota State University
Agricultural Experiment Station
Dept. of Agricultural Economics

June 1987

Dear Agricultural Data User:

It is a pleasure to present this 30th Annual Summary of "North Dakota Agricultural Statistics, 1987" continuing a series which dates back to 1957. It is the 56th such publication published by this office including special issues. A reference to issues in this series containing county estimates is on the inside of the back cover.

This is a comprehensive report of farm statistics for North Dakota including estimates by counties for major crops and livestock. It also includes information on crop production, livestock numbers, farm income, prices, weather and grain shipments.

This issue has again been expanded from our traditional yearly publication to include a special section summarizing 27 years (1960-86) of agricultural prices and price indexes. It updates a publication entitled "Price Trends" which was issued in 1971.

A big special "THANK YOU" from all of us to the thousands of North Dakota farmers, ranchers and agri-business people who voluntarily report essential basic data for making these estimates. The information contained in this publication would not be possible without their most gracious and devoted service. The help of county extension agents, their staff, as well as other University, State and Federal agencies is also appreciated.

Collection and publication of these data have been made possible through the cooperative efforts of the National Agricultural Statistics Service, U.S.D.A., and North Dakota State University. Data were compiled by the staff of the North Dakota Agricultural Statistics Service. Funds for publishing this report were provided by the Agricultural Experiment Station, Department of Agricultural Economics, and Cooperative Extension Service of N.D.S.U. Other contributors include the National Weather Service, North Dakota Wheat Commission, American Malting Barley Association, Inc., The Upper Grain Plains Transportation Institute and the Public Service Commission.

Estimates are based on information collected from producers and agribusiness establishments. Much of the data are based on voluntary reports obtained through mail surveys. Probability sampling techniques are also utilized. All of the agriculture is accounted for within Sample segments of land randomly selected throughout the State. These segments represent a certain portion of the total land which enables the data to be expanded to State estimates.

Samples are also selected from a list of farm operations, "Universe List". State indications are obtained by expanding the sample data. Operations found in the land area frame sample mentioned above are also checked against the names on the list. Those not found are used to measure the incompleteness of the "List". Objective counts and measurements from sample plots in durum, other spring wheat, sunflower and potato fields are also used in estimating yields.

OTHER REPORTS AVAILABLE:

-- N.D. "Farm Reporter" (Bi-weekly) --
-- Weekly "Crop-Weather" --
-- Custom Rates --

Call us at (701) 237-5771, Ext. 306, or write P.O. Box 3166, Fargo, North Dakota 58108, for an order form.

Robert F. Carver

Robert F.Carver
State Statistician

INTRODUCTORY STATISTICS

NORTH DAKOTA'S RANK AMONG STATES
RANK OF COUNTIES
FARM INCOME
REAL ESTATE
WEATHER

Summary of

NORTH DAKOTA'S RANK IN AGRICULTURE

NORTH DAKOTA'S 1986 CROP RANK AMONG STATES

North Dakota Ranks...		North Dakota Produces... (Percent of Nation)
1st in	Durum Wheat	81%
	Other Spring Wheat	42%
	Barley	29%
	Flaxseed	83%
	Sunflower	71%
	Dry Edible Beans	19%
	Pinto Beans	28%
2nd in	All Wheat	14%
	Rye	22%
3rd in	Total Cropland	6%
	Area Planted - Principal Crops	7%
4th in	Oats	10%
	Potatoes	6%
	Sugarbeets	12%
	Area Harvested - Principal Crops	7%

THE 10 LEADING STATES AND NORTH DAKOTA'S RANK

Item	1	2	3	4	5	6	7	8	9	10	North Dakota's Rank	Percent of Nation
CROP PRODUCTION - 1986												
Corn for Grain	IA	IL	NE	MN	IN	OH	WI	MO	MI	SD	19	1
Corn for Silage	WI	NY	PA	MN	CA	MI	IA	NE	VA	SD	14	3
Winter Wheat	KS	OK	TX	WA	CO	NE	MT	SD	OR	ID	20	1
Durum Wheat	ND	CA	MT	AZ	SD	MN	-	-	-	-	1	81
Other Spring Wheat	ND	MN	MT	SD	ID	WA	OR	CO	UT	WY	1	42
All Wheat	KS	ND	OK	MT	TX	WA	SD	MN	CO	ID	2	14
Oats	WI	SD	MN	ND	IA	NE	MI	PA	IL	NY	4	10
Barley	ND	MT	ID	MN	WA	SD	CA	CO	OR	UT	1	29
Rye	SD	ND	GA	MN	NE	OK	MI	PA	NC	NY	2	22
Flaxseed	ND	SD	MN	-	-	-	-	-	-	-	1	83
Potatoes	ID	WA	OR	ND	ME	CO	WI	CA	MN	MI	4	6
Sugarbeets	MN	CA	ID	ND	MI	NE	MT	WY	CO	TX	4	12
Soybeans	IL	IA	MO	MN	IN	OH	NE	AR	KS	MS	17	1
Pinto Beans	ND	CO	NE	ID	WY	KS	MN	WA	MI	UT	1	28
Dry Edible Beans, All	ND	NE	CA	ID	MI	CO	MN	WA	WY	NY	1	19
Sunflower, Oil	ND	SD	MN	TX	-	-	-	-	-	-	1	69
Sunflower, Non-oil	ND	MN	SD	-	-	-	-	-	-	-	1	88
Sunflower, All	ND	SD	MN	TX	-	-	-	-	-	-	1	71
Alfalfa Hay & Mixtures	WI	MN	CA	SD	IA	MI	NE	ID	KS	ND	10	4
All Other Hay	TX	MO	SD	KS	OK	2/	2/	NE	PA	ND	10	3
All Hay	WI	MN	SD	CA	IA	TX	NE	KS	MO	MI	11	3
Total Acreage of Principal Crops Planted	IA	IL	ND	KS	MN	TX	NE	SD	MO	IN	3	7
Total Acreage of Principal Crops Harvested	IA	IL	KS	ND	MN	TX	NE	SD	MO	IN	4	7
LIVESTOCK ON HAND - JAN. 1, 1987												
All Cattle & Calves	TX	KS	NE	OK	CA	IA	MO	WI	SD	MN	18	2
Cows That Have Calved												
Milk	WI	CA	NY	MN	PA	3/	3/	TX	IA	KY	27	1
Beef	TX	OK	MO	NE	SD	KS	MT	FL	IA	TN	15	3
All Hogs - Dec. 1, 1986	IA	IL	MN	IN	NE	MS	NC	OH	SD	KS	22	1
All Sheep & Lambs	TX	CA	WY	CO	SD	MT	NM	UT	OR	IA	16	2
Sheep & Lambs on Feed	CO	CA	TX	OR	WY	MN	KS	IA	AZ	OH	15	2
Cattle & Calves on Feed	TX	NE	KS	CO	IA	IL	CA	AZ	4/	4/	26	*
All Chickens, Dec. 1986	CA	IN	GA	AR	PA	NC	OH	TX	AL	FL	46	*
LIVESTOCK PRODUCTION IN 1986												
Calf Crop	TX	MO	5/	5/	CA	NE	SD	KS	IA	MT	15	2
Lamb Crop	TX	CA	SD	WY	MT	UT	CO	IA	ID	NM	14	2
Pig Crop	IA	IL	MN	IN	NE	MO	NC	OH	SD	WI	22	1
Turkeys Raised	NC	MN	CA	AR	VA	MO	IN	PA	IA	WI	20	*
Egg Production	CA	IN	PA	GA	OH	AR	NC	TX	AL	FL	45	*
Wool Production	TX	WY	CA	CO	MT	UT	SD	NM	IA	OR	15	2
Honey Production	ND	CA	SD	FL	MN	NE	TX	MT	GA	ID	1	15
Milk Production	WI	CA	NY	MN	PA	MI	OH	TX	IA	WA	32	1
Butter	WI	CA	MN	WA	PA	NY	MI	MO	OH	KS	13	1
American Cheese	WI	MN	CA	IA	ID	SD	NY	MO	ND	IN	9	2
CASH RECEIPTS - 1986												
Crops	CA	IL	IA	FL	TX	NE	MN	IN	OH	KS	14	2
Livestock	TX	IA	NE	WI	CA	KS	MN	NC	PA	IL	32	1
Total	CA	IA	TX	NE	IL	MN	KS	WI	FL	IN	24	2
Government Payments 1/	TX	IA	NE	IL	ND	KS	MN	AR	CA	OK	5	6
Realized Income												
Gross 1/	CA	TX	IA	IL	NE	MN	KS	WI	IN	FL	21	2
Net 1/	CA	TX	6/	6/	IA	IL	MN	KS	AR	WI	21	2

* Less than one-half of one percent. 1/ 1985 Data. 2/ KY and NY tied for 6th place. 3/ OH and MI tied for 6th place. 4/ MN and SD tied for 9th place. 5/ OK and WI tied for 3rd place. 6/ NE and FL tied 3rd place.

RANK OF NORTH DAKOTA'S COUNTIES

County	Crop Production - 1986								Livestock on Hand			
	All Wheat	Spring Wheat	Durum Wheat	Sun-flower	Barley	Oats	Corn Grain	All Hay	All Cattle Jan. 1 1986	Milk Cows Jan. 1 1986	All Hogs Dec. 1 1985	All Sheep Jan. 1 1986
Adams	42	38	34	39	47	22	35	23	21*	42*	33	3
Barnes	11	7	25	2	5	32	8	27	27*	20*	5	9
Benson	20	44	8	11	23	33	20	29	26	24*	32	36*
Billings	52	50	53	52	53	29	50	14	27*	42*	53	46*
Bottineau	5	20	2	24	4	16	34	37	40	42*	40*	39
Bowman	48	45	24	49	48	38	37	24	23*	42*	42	1
Burke	22	23	15	35	28	27	41	42	46	46*	49*	19*
Burleigh	32	24	31	31	39	6	21	6	5*	16*	8	23*
Cass	7	3	23	6	2	39	2	38	34	30*	1	4
Cavalier	4	6	9	30	1	46	43	52	48*	46*	19	51
Dickey	30	40	20	22	26	24*	5	15	12	12	2	5*
Divide	17	46	6	47	27	35	52	40*	45	51*	34*	23*
Dunn	39	30	43	45	43	8	49	1	2	22	25	35
Eddy	46	41	38	17	36	30	24	28	39	32*	52	18
Emmons	34	21	48	44	42	10	13	5	4	2	17*	43
Foster	31	25	30	5	37	40	22	46	41*	39*	21	30*
Golden Valley	50	49	32	53	50	47	51	43	30*	35*	27*	13*
Grand Forks	9	4	27	9	3	41	7	48	44	27*	16	28*
Grant	43	34	49	33	34	11	25	9	3	6	10*	12
Griggs	37	29	39	14	22	42	26	39	38	30*	30*	36*
Hettinger	14	11	22	26	29	21	23	33	30*	13	13	44
Kidder	49	42	44	43	45	15	17	3	8	11	29	5*
LaMoure	25	27	28	7	18	18	6	18	17	8	9	10
Logan	45	35	45	41	40	28	30	8	13	5	34*	42
McHenry	24	16	21	8	17	4	12	7	7	9	27*	16*
McIntosh	41	32	37	34	46	12	31	11	10	4	39	40*
McKenzie	29	33	17	51	41	19	48	10	5*	39*	26	2
McLean	3	10	4	4	13	3	15	16	14*	16*	23	34
Mercer	44	37	26	40	51	7	40	17	14*	19	44	46*
Morton	35	22	51	32	31	1	19	2	1	1	6	16*
Mountrail	12	39	3	25	20	17	39	20	23*	27*	45*	23*
Nelson	18	18	14	10	16	44	32	40*	43	32*	36*	36*
Oliver	51	48	52	37	49	14	36	21	18*	10	14*	21
Pembina	8	2	50	38	10	50	18	44	47	51*	10*	46*
Pierce	33	36	16	19	30	26	27	32	35	16*	51	45
Ramsey	13	26	7	18	12	49	38	50	48*	37*	30*	40*
Ransom	38	31	47	15	32	23	3	34*	21*	29	7	30*
Renville	16	15	13	36	15	13	42	47	50*	37*	49*	53
Richland	19	12	36	23	25	31	1	36	16	14	3	28*
Rolette	28	51	10	28	24	48	53	31	37	35*	45*	33
Sargent	40	47	33	13	33	37	4	26	23*	24*	4	19*
Sheridan	36	28	40	16	35	24*	29	30	30*	23	43	52
Sioux	53	52	46	50	52	36	45	12	18*	26	47*	30*
Slope	47	43	35	46	44	43	47	25	27*	39*	20	13*
Stark	27	19	29	42	38	5	44	4	11	7	17*	15
Steele	26	17	41	20	11	52	14	53	53	51*	47*	23*
Stutsman	2	5	12	1	8	9	9	13	9	3	14*	8
Towner	21	53	5	27	14	53	33	49	50*	46*	36*	22
Traill	23	13	42	29	6	51	10	51	52	46*	22	46*
Walsh	6	1	19	21	9	45	16	45	41*	32*	12	46*
Ward	1	8	1	12	7	2	28	19	18*	15	24	11
Wells	15	14	18	3	19	34	11	34*	30*	20*	40*	23*
Williams	10	9	11	48	21	20	46	22	36	46*	36*	7

*Tied with another county.

NORTH DAKOTA FARM INCOME

Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.

1986 CASH RECEIPTS, PRELIMINARY

Preliminary cash receipts from marketings of crop and livestock in North Dakota during 1986 totaled $2,134 million, down 22 percent from 1985 and 16 percent below receipts in 1984. This is the smallest total since 1978 when receipts totaled $1,864 million.

ES OF AMERICA

Cash receipts from crops in 1986 totaled $1,466 million, declining 29 percent from 1985. Cash receipts from livestock in 1986 were $668 million, down 3 percent from the previous year. Government payments totaled $700 million, up 45 percent from 1985.

1985 CASH RECEIPTS

Cash receipts from North Dakota farm marketings and government payments totaled $3,230 million in 1985, up 8 percent from 1984, but 2 percent less than the record high in 1983. Receipts from marketed crops totaled $2,060 million, 64 percent of the total while livestock receipts totaled $686 million, 21 percent of the total. The remaining 15 percent came from government payments, which totaled $484 million.

Increases in wheat and barley were largely responsible for a 12 percent increase in crop receipts, while modest declines in cattle and dairy products pushed livestock receipts 1 percent below 1984. Governement payments were up 4 percent from 1984.

Wheat continued to be the largest source of cash receipts for North Dakota farmers, bringing in $1,056 million in 1985, 33 percent of the total. Cattle and calves ranked second in total cash receipts with $479 million, 15 percent of the total. Barley was third with $299 million or 9 percent of the total.

INCOME PER FARM

Realized gross income per farm averaged $97,709, down fractionally from $97,786 in 1984, but 17 percent greater than 1983. Realized gross income includes the value of inventory adjustment.

Total net income rose to an average of $16,879 per farm in 1985, down 6 percent from 1984 and more than double the 1983 total.

Cash Receipts from Farm Marketings and Government Payments, North Dakota, 1983-85 and 1986 Preliminary

Item	1983 1/	1984 1/	1985	Percent Total 1985 2/	1986 Prelim-inary
	--- Thousand Dollars ---			-Pct.-	-000 $-
CROPS	2,090,060	1,839,083	2,059,883	63.8	1,466,592
Food Grains	1,058,617	881,710	1,062,006	32.9	
Wheat	1,051,171	872,381	1,056,342	32.7	
Rye	7,446	9,329	5,664	.2	
Feed Crops	305,884	351,823	406,874	12.6	
Barley	208,858	245,998	299,105	9.3	
Corn	61,280	67,214	74,971	2.3	
Hay	13,105	17,046	17,680	.5	
Oats	22,641	21,565	15,118	.5	
Oil Crops	506,791	406,772	347,104	10.7	
Sunflower	415,320	272,163	233,240	7.2	
Soybeans	60,915	109,821	86,192	2.7	
Flaxseed	30,556	24,788	27,672	.9	
Veg, Fruits, Nuts	108,959	85,144	126,479	3.9	
Dry Beans	34,149	25,356	54,248	1.7	
Potatoes	74,130	59,098	71,591	2.2	
Misc.	680	690	640	-	
Other Crops	109,809	113,634	117,420	3.6	
Sugarbeets	85,102	85,433	85,433	2.6	
Other	24,707	28,201	31,987	1.0	
LIVESTOCK	647,590	693,387	686,066	21.2	667,832
Meat Animals	475,641	523,792	524,547	16.2	
Cattle & Calves	436,379	480,520	479,238	14.8	
Hogs	32,472	34,887	34,475	1.1	
Sheep & Lambs	6,790	8,385	10,834	.3	
Dairy Products	131,875	124,845	122,094	3.8	
Poultry & Eggs	9,633	13,921	13,242	.4	
Turkeys	4,524	7,503	8,952	.3	
Eggs	4,991	6,270	4,130	.1	
Chickens, Farm	118	148	160	-	
Misc. Livestock	30,441	30,829	26,183	.8	
Wool	972	1,155	937	-	
Other Livestock	29,469	29,674	25,246	.8	
TOTAL CROPS & LIVESTOCK	2,737,650	2,532,470	2,745,949	85.0	2,134,424
Gov't Payments	558,428	463,245	483,652	15.0	700,180
GRAND TOTAL	3,296,078	2,995,715	3,229,601	100.0	2,834,604

1/ Revised. 2/ Items may not add due to rounding.

Cash Receipts from Marketings, by Months and Percent Distribution, North Dakota, 1986 1/

Month	Livestock		Crops		Total	
	(000 $)	(Pct.)	(000 $)	(Pct.)	(000 $)	(Pct.)
January	66,713	10.0	204,474	13.9	271,187	12.7
February	63,354	9.5	100,740	6.9	164,094	7.7
March	53,228	8.0	105,136	7.2	158,364	7.4
April	48,845	7.3	94,806	6.5	143,651	6.7
May	45,540	6.8	72,477	4.9	118,017	5.5
June	32,736	4.9	91,809	6.3	124,545	5.8
July	32,718	4.9	47,137	3.2	79,855	3.8
August	40,310	6.0	62,121	4.2	102,431	4.8
September	54,595	8.2	174,663	11.9	229,258	10.8
October	85,818	12.8	206,906	14.1	292,724	13.7
November	80,727	12.1	178,953	12.2	259,680	12.2
December	63,248	9.5	127,370	8.7	190,618	8.9
Year	667,832	100.0	1,466,592	100.0	2,134,424	100.0

1/ Preliminary.

FARM INCOME CONT.

Cash Receipts from Government Payments
North Dakota, 1983-1986

Item	1983	1984	1985	1986
	---Thousand	Dollars---		
Conservation	4,390	4,543	4,892	3,424
Feed Grain Program	32,542	21,307	78,914	115,067
Wheat Program	141,669	278,479	314,187	511,090
Miscellaneous	379,827	158,916	85,659	70,599
Total	558,428	463,245	483,652	700,180

Value Of Home Consumption
North Dakota, 1983-85

Item	1983	1984	1985
	---Thousand	Dollars---	
Cattle & Calves	7,292	7,156	7,874
Hogs	1,406	1,447	897
Lambs	101	121	144
Dairy	1,500	1,107	912
Poultry & Eggs	293	360	NA
ALL LIVESTOCK & PRODUCTS	10,592	10,191	9,827
ALL CROPS	3,713	3,659	3,555
TOTAL ABOVE	14,305	13,850	13,382

Income per Farm,
North Dakota, 1976-1985

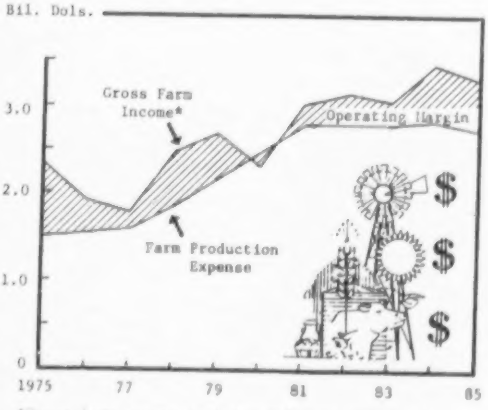
Year	Income Per Farm 1/	
	Gross	Net
	- - Dollars - -	
1976	46,051	8,658
1977	43,346	4,288
1978	60,088	14,683
1979	66,190	12,360
1980	57,973	-4,203
1981	78,468	5,862
1982	85,027	9,416
1983	83,586	6,868
1984	97,786	17,961
1985	97,709	16,879

1/ Allows for inventory adjustment.

Total Cash Receipts and Total Income
North Dakota, 1983-85

Item	1983	1984	1985
	---Million	Dollars---	
Cash Receipts from Farm Marketings	2,737.7	2,532.5	2,745.9
Government Payments	558.4	463.2	483.7
Non-Money Income	182.5	184.9	152.7
Cther Farm Income	22.7	27.8	34.9
Value of Inventory Adj.	-450.3	263.1	-95.2
Total Realized Gross Farm Income	3,050.9	3,471.4	3,322.1
Farm Production Expense	2,800.2	2,833.9	2,748.3
Net Farm Income	250.7	637.6	573.9

Operating Margin for
North Dakota Farmers, 1975-85



*Gross farm income includes value of inventory adjustments.

Farm Production Expenses
North Dakota, 1983-1985

Item	1983	1984	1985
	-- Million	Dollars --	
Intermediate Product Expenses	1,159.3	1,153.1	1,185.7
Feed	89.6	82.6	84.5
Livestock	34.9	34.6	36.9
Seed	86.9	100.3	98.0
Fertilizer and Lime	140.3	129.7	160.8
Pesticides	113.6	130.1	135.5
Fuel and Oil	239.6	227.3	209.5
Electricity	32.4	32.7	31.3
Repair and Operation	181.0	184.5	171.9
Other Miscellaneous	240.9	231.2	257.2
Interest: Real Estate	234.2	228.4	219.4
Non-real Estate	321.7	322.8	275.5
Labor Expenses	85.4	85.5	87.5
Net Rent To Non-op. Landlords	297.3	371.1	347.7
Capital Consumption	619.5	586.9	537.9
Business Taxes	82.8	86.0	94.5
Total Production Expenses	2,800.2	2,833.9	2,748.3

Source of above data: Economic Indicators of the Farm Sectors, U.S.D.A., E.R.S.

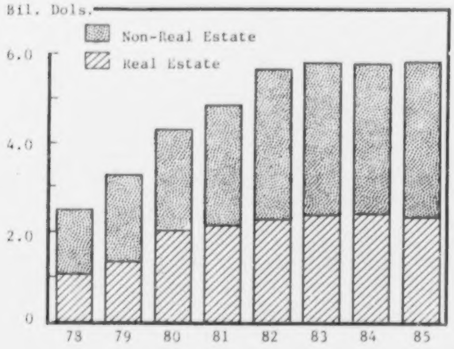
FARM ASSETS & DEBT

Farm Balance Sheet, North Dakota, December 31, 1981-85

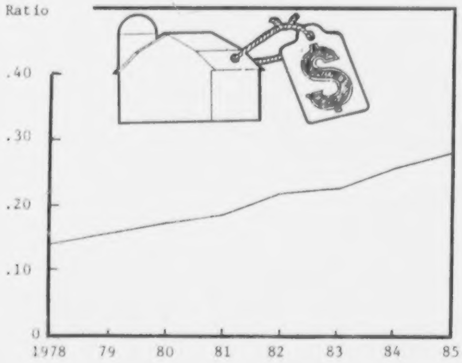
Item	1981	1982	1983	1984	1985
			EXCLUDING FARM HOUSEHOLDS		
ASSETS			Million Dollars		
Total Farm Assets	24,389.0	24,188.8	23,936.5	20,806.0	19,163.8
Real Estate	17,731.8	17,117.0	17,125.9	14,051.2	12,349.1
Livestock and Poultry	892.7	892.1	910.4	883.2	822.5
Machinery and Motor Vehicles	3,163.8	3,230.8	3,126.3	2,887.6	2,795.9
Crops	1,623.9	1,814.3	1,560.0	1,564.1	1,820.8
Financial Assets	976.7	1,134.5	1,213.9	1,419.9	1,375.6
DEBTS					
Total Farm Debt	4,591.6	5,392.1	5,534.9	5,486.1	5,562.5
Real Estate Debt	2,035.6	2,167.0	2,276.3	2,290.7	2,220.7
Nonreal Estate Debt	2,080.0	2,274.2	2,309.6	2,293.5	2,096.8
CCC Loans	476.0	951.0	949.0	902.0	1,245.0
Equity	19,797.4	18,796.7	18,401.6	15,319.8	13,601.3
RATIOS			Ratio		
Equity/Assets	81.2	77.7	76.9	73.6	71.0
Debt/Equity	23.2	28.7	30.1	35.8	40.9
Debt/Assets, Total	18.8	22.3	23.1	26.4	29.0
Debt/Assets, Real Estate	11.5	12.7	13.3	16.3	18.0
Debt/Assets, Nonreal Estate and CCC	38.4	45.6	47.8	47.3	49.0
Returns to Operator/Total Debt	4.4	6.1	4.1	10.5	10.5
			INCLUDING FARM HOUSEHOLDS		
ASSETS			Million Dollars		
Total Farm Assets	26,073.0	25,848.0	25,611.0	22,314.8	20,622.5
Real Estate	18,655.0	17,999.0	17,999.0	14,760.0	12,965.3
Livestock and Poultry	892.7	892.1	910.4	883.2	822.5
Machinery and Motor Vehicles	3,342.5	3,390.7	3,277.1	3,020.9	2,959.1
Crops	1,623.9	1,814.3	1,560.0	1,564.1	1,820.8
Household Equip. and Furnishings	288.6	321.4	344.9	341.9	335.4
Deposits and Currency	291.7	302.7	313.9	334.4	355.2
U.S. Savings Bonds	134.6	129.9	132.1	132.2	141.2
Investments in Cooperatives	843.9	997.9	1,073.5	1,278.1	1,222.9
DEBTS					
Total Farm Debt	4,831.0	5,644.4	5,793.4	5,746.8	5,816.3
Real Estate Debt	2,141.5	2,278.6	2,392.4	2,406.2	2,331.5
Nonreal Estate Debt	2,213.5	2,414.8	2,452.1	2,438.6	2,239.9
CCC Loans	476.0	951.0	949.0	902.0	1,245.0
Equity	21,242.0	20,203.5	19,817.6	16,567.9	14,806.1
RATIOS			Ratio		
Equity/Assets	81.5	78.2	77.4	74.2	71.8
Debt/Equity	22.7	27.9	29.2	34.7	39.3
Debt/Assets, Total	18.5	21.8	22.6	25.8	28.2
Debt/Assets, Real Estate	11.5	12.7	13.3	16.3	18.0
Debt/Assets, Nonreal Estate and CCC	36.3	42.9	44.7	44.2	45.5
Net Farm Income/Debt	5.9	7.3	5.0	11.6	10.7

Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.

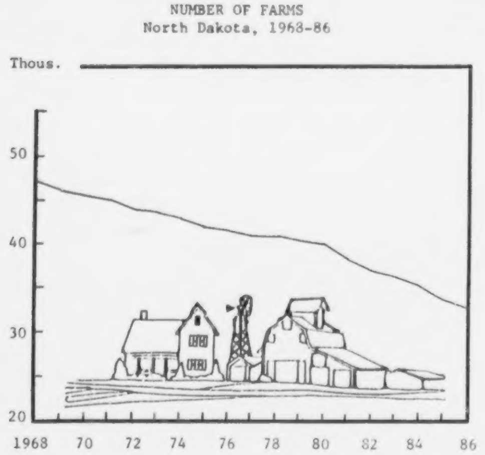
FARM DEBT
North Dakota, 1978-85

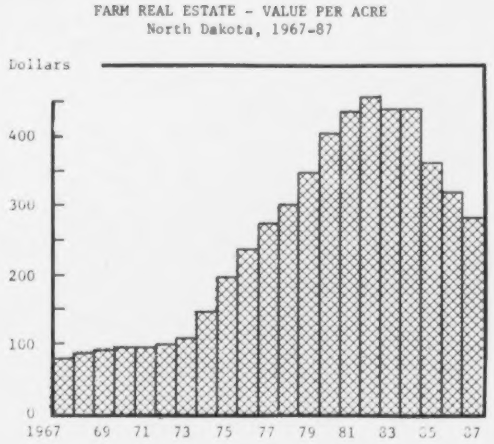


DEBT TO ASSET RATIO
North Dakota, 1978-85



FARM REAL ESTATE


NUMBER OF FARMS
North Dakota, 1968-86


FARM REAL ESTATE - VALUE PER ACRE
North Dakota, 1967-87

NUMBER OF FARMS, LAND IN FARMS, AVERAGE SIZE, VALUE, AND REAL ESTATE TAXES
North Dakota, 1973-87

Year	Number of Farms	All Land in Farms	Average Size of Farms	Total Value	Value per Acre	Farm Real Estate Taxes/$100 Value
	(Number)	(000 Acres)	(Acres)	(Mil. Dols.)	(Dols.)	(Dols.)
1973	43,500	41,800	961	4,514	108	1.12
1974	43,000	41,700	970	6,005	144	.87
1975	42,000	42,300	1,007	8,249	195	.74
1976	41,500	42,000	1,012	9,903	236	.65
1977	41,000	41,800	1,020	11,451	274	.62
1978	41,000	41,700	1,017	12,493	300	.58
1979	40,500	41,700	1,030	14,470	347	.51
1980	40,000	41,700	1,043	16,888	405	.48
1981	38,500	41,300	1,073	18,007	436	.46
1982	37,000	41,000	1,108	18,655	455	.48
1983	36,500	41,000	1,123	17,999	439	.48
1984	35,500	41,000	1,155	17,999	439	NA
1985	34,000	40,900	1,203	14,724	360	NA
1986	33,000	40,700	1,233	12,894	317	NA
1987	NA	NA	NA	11,475	282	NA

NA - Not available.

GROSS RENTS PER ACRE AND RATIO TO VALUE
North Dakota, 1980-87

Year	Farms		Cropland		Pastures	
	Gross Rent Per Acre	Ratio Gross Rent to Value	Gross Rent Per Acre	Ratio Gross Rent to Value	Rent Per Acre	Ratio Rent to Value
	($)	(%)	($)	(%)	($)	(%)
1980	24.10	6.0	30.40	6.4	8.70	4.6
1981	25.50	5.9	31.60	6.1	9.10	4.3
1982	27.30	5.8	32.90	6.1	9.20	4.4
1983	26.90	6.3	32.60	6.5	8.70	4.4
1984	27.36	6.5	32.42	6.7	9.86	5.1
1985	25.68	7.4	31.74	7.6	9.00	5.6
1986	26.89	8.1	29.69	8.1	7.78	5.8
1987	23.37	7.7	28.24	8.4	7.83	6.7

Source: Farm Real Estate Market Developments, E.R.S.

RENT PER ACRE BY DISTRICT,
North Dakota, 1986-87

District	Rented for Cash					
	Farms		Cropland		Pasture	
	1986	1987	1986	1987	1986	1987
	- - - D o l l a r s - - -					
N.West	24.36	22.94	25.32	24.57	6.67	7.13
N.Cent.	24.69	16.71	25.53	22.65	7.87	6.70
N.East	36.11	35.06	39.35	36.91	8.15	9.04
W.Cent.	19.25	17.57	23.18	22.80	6.19	7.15
Cent.	23.69	23.78	25.98	27.30	9.17	8.63
E.Cent.	42.69	41.47	44.39	42.26	11.68	11.02
S.West	13.43	14.43	17.52	19.50	7.47	7.75
S.Cent.	16.79	12.29	20.28	18.50	8.14	7.92
S.East	32.74	27.87	34.46	30.29	12.92	10.80
STATE	26.89	23.37	29.69	28.24	7.78	7.83

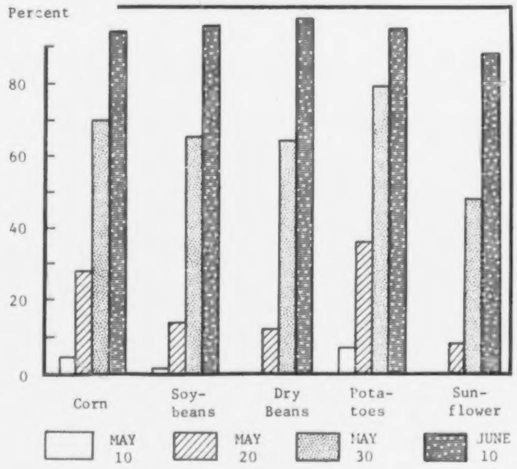
NORTH DAKOTA CROP & WEATHER DATA, 1986

PLANTING AND HARVEST PROGRESS BY DATE AND PRECIPITATION MAP

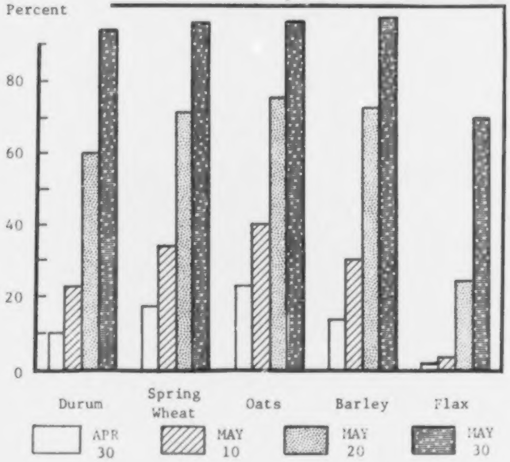
Highlights

- ✱ Planting progress lagged normal until late May due to seasonal rainfall.
- ✱ June was mostly dry followed by some of the wettest conditions on record for July.
- ✱ Warm and moist conditions in July promoted foliar diseases in small grains; end result was 4-6 bushel drop in yield, from 1985, for wheat and barley.
- ✱ Small grain harvest lagged normal due to cool, damp conditions.
- ✱ Oat and barley harvest completed by mid-September.
- ✱ Cool, damp conditions dragged spring and durum wheat harvest on until late October.
- ✱ Late season crop harvest finished in normal time frame with record yields for potatoes, flaxseed, soybeans, dry edible beans and corn for grain.

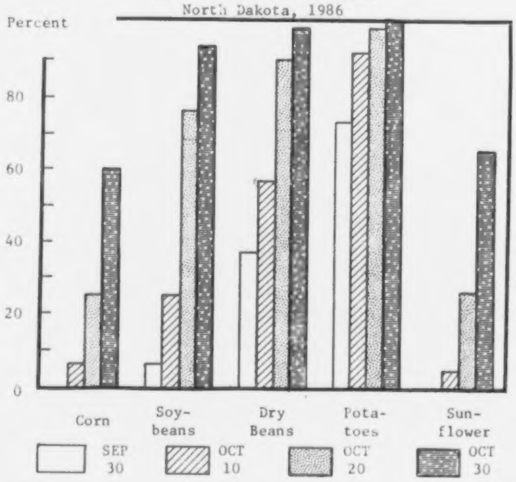
ROW CROP PLANTING PROGRESS
North Dakota, 1986



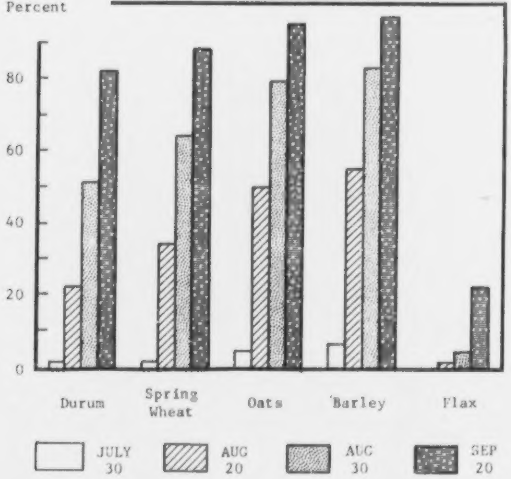
SMALL GRAIN PLANTING PROGRESS
North Dakota, 1986



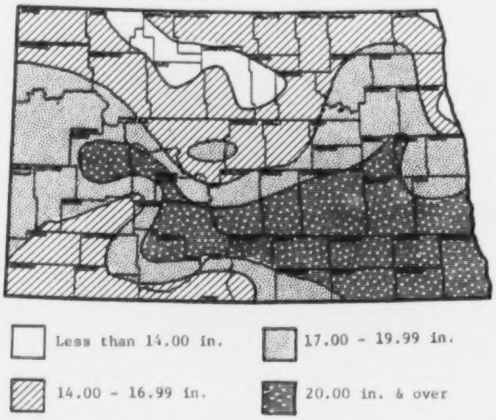
ROW CROP HARVEST PROGRESS
North Dakota, 1986



SMALL GRAIN HARVEST PROGRESS
North Dakota, 1986



ANNUAL GROWING SEASON PRECIPITATION,
April-September, 1986 - North Dakota



PLANTING & HARVEST PROGRESS

PERCENT OF ACREAGE PLANTED AND HARVESTED BY SPECIFIED DATES, North Dakota, 1986 and 5-Year Average (1982-86)

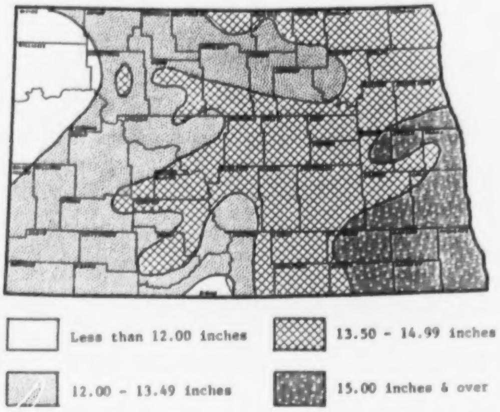
Crop	Year	Percent Planted by Specified Dates						
		April			May			June
		10	20	30	10	20	30	10
Durum Wheat	1986	1	2	10	23	60	94	100
	Average	1	2	13	36	65	92	99
Other Spring Wheat	1986	3	5	17	34	71	96	100
	Average	1	5	23	50	75	94	99
Oats	1986	4	7	23	40	75	96	100
	Average	1	5	22	46	73	93	99
Barley	1986	3	5	13	30	72	97	100
	Average	1	4	22	51	79	95	100
Flax	1986			1	3	24	69	94
	Average			3	11	31	67	90
Corn	1986			1/	4	28	70	94
	Average			2	12	38	72	93
Soybeans	1986			0	1	14	65	96
	Average			1	6	33	80	99
Beans, Dry	1986			0	1/	12	64	98
	Average			1/	1	17	67	95
Potatoes	1986			3	7	36	79	95
	Average			4	17	50	86	98
Sunflower	1986			0	1/	8	48	88
	Average			1/	1	11	50	87
Sugarbeets	1986			6	26	71	97	100
	Average			29	72	91	99	100

Crop	Year	Percent Harvested by Specified Dates										
		July	August			September			October			Nov.
		30	10	20	30	10	20	30	10	20	30	10
Durum Wheat	1986	1	6	22	51	73	82	86	88	96	100	
	Average	1	9	32	60	82	89	94	95	97	100	
Other Spring Wheat	1986	1	13	34	64	81	88	90	96	98	100	
	Average	2	18	47	72	88	94	97	98	99	100	
Winter Wheat	1986	29	75	94	100							
	Average	22	72	93	100							
Oats	1986	4	25	50	79	92	95	97				
	Average	5	30	60	83	95	98	99				
Barley	1986	6	28	55	83	93	97	99				
	Average	9	42	72	90	96	99	100				
Flax	1986		0	1	4	13	22	35	51	81	95	100
	Average		1	5	18	38	54	69	77	87	96	100
Rye	1986	26	69	91	100							
	Average	22	74	93	99							
Corn for Grain	1986					0	0	1/	6	25	60	93
	Average					1/	2	10	24	40	65	88
Soybeans	1986					1	2	6	25	76	94	100
	Average					1	6	25	47	70	89	98
Beans, Dry	1986				1/	11	24	37	57	90	99	100
	Average				5	20	36	57	73	86	96	100
Potatoes	1986			1	4	22	47	73	92	99	100	
	Average			1	3	14	38	67	84	95	99	
Sunflower	1986					0	1/	1/	4	26	65	91
	Average					1/	1	3	12	29	58	86
Sugarbeets	1986					2	7	20	72	100	100	
	Average					1	7	17	50	76	97	

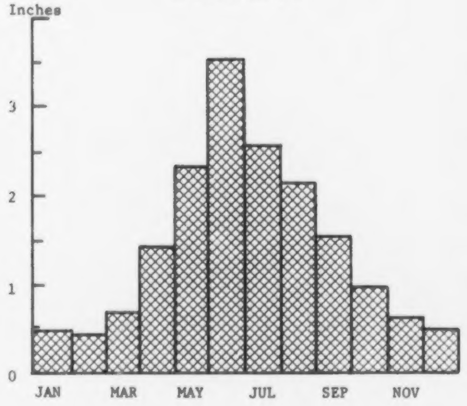
1/ Less than one-half of one percent.

GROWING SEASON

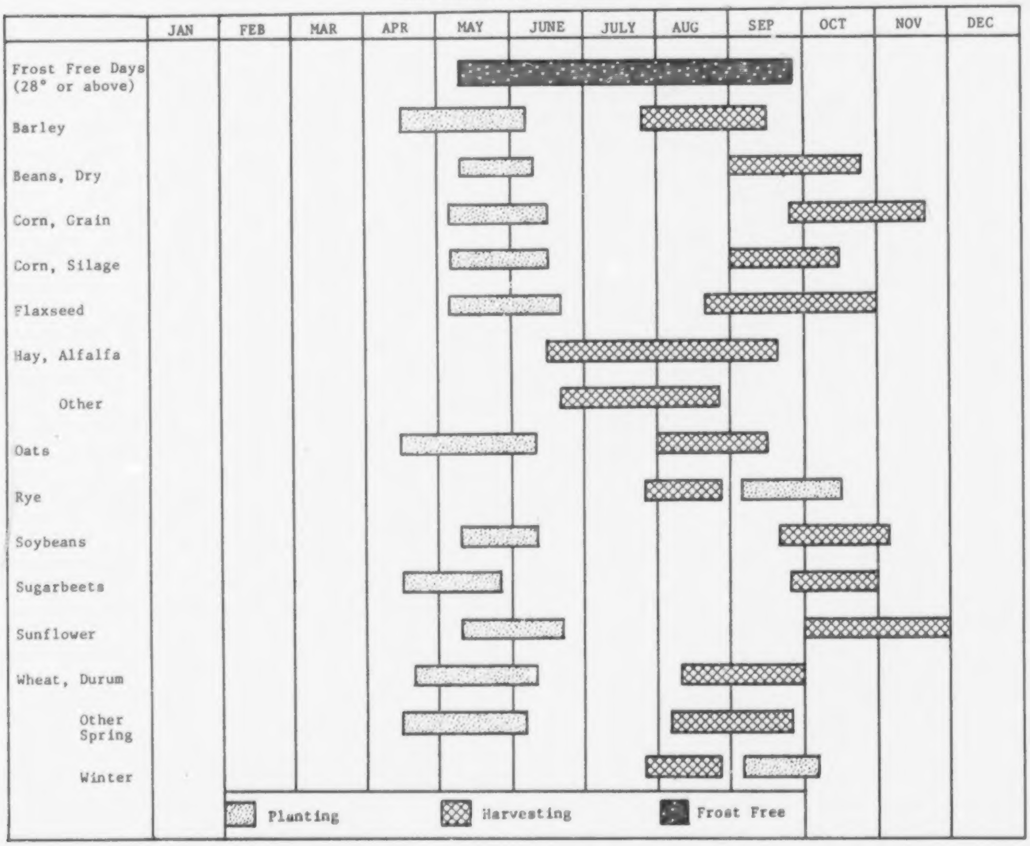
GROWING SEASON PRECIPITATION
North Dakota, April-September, 1951-80 Avg.


Less than 12.00 inches
13.50 - 14.99 inches
12.00 - 13.49 inches
15.00 inches & over

Average Monthly Precipitation
in North Dakota



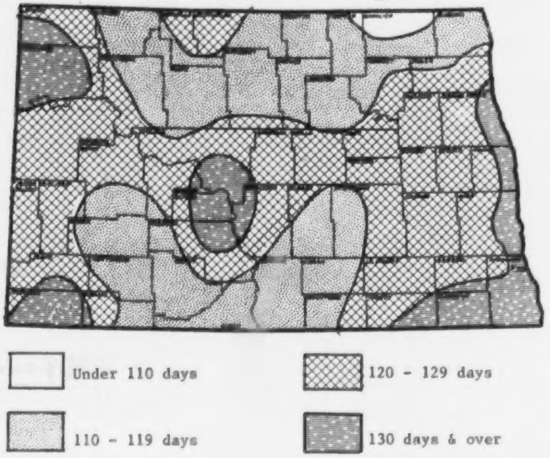
CROP CALENDAR, NORTH DAKOTA



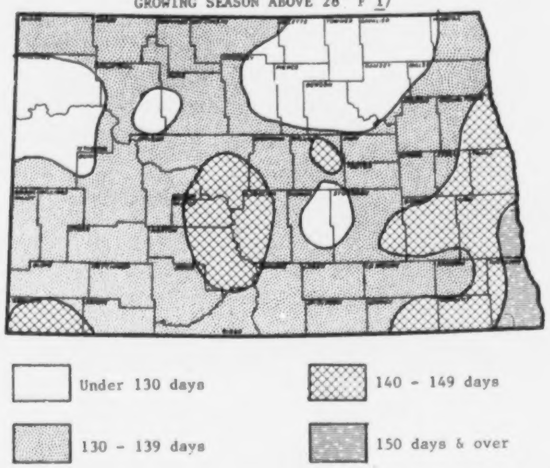
SOURCE: Usual Planting and Harvesting Dates for U.S. Field Crops, USDA NASS April 1984

GROWING SEASON

LONG-TERM AVERAGE NUMBER OF DAYS IN GROWING SEASON ABOVE 32° F 1/



LONG-TERM AVERAGE NUMBER OF DAYS IN GROWING SEASON ABOVE 28° F 1/



LENGTH OF GROWING SEASON, SELECTED STATIONS, NORTH DAKOTA, AT TEMPERATURES OF 28°F AND 32°F OR ABOVE

Station	County	Average Date of Last Spring Frost		Average Date of First Frost in Fall		Average Number of Days in Growing Season		Number of Years in Average
		28°	32°	32°	28°	32°	28°	
		(Date)	(Date)	(Date)	(Date)	(Days)	(Days)	(Years)
NORTHWEST DISTRICT								
Crosby	Divide	May 10	May 18	Sept. 16	Sept. 23	120	137	63
Minot Exp.	Ward	May 12	May 20	Sept. 17	Sept. 26	119	137	69
Mohall	Renville	May 11	May 18	Sept. 16	Sept. 23	122	135	44
Parshall	Mountrail	May 15	May 21	Sept. 12	Sept. 18	114	126	59
Powers Lake	Burke	May 15	May 23	Sept. 11	Sept. 23	111	133	41
Williston	Williams	May 4	May 13	Sept. 22	Sept. 28	132	146	78
NORTH CENTRAL DISTRICT								
Bottineau	Bottineau	May 15	May 21	Sept. 15	Sept. 23	116	130	70
Granville	McHenry	May 13	May 19	Sept. 15	Sept. 25	119	134	65
Maddock	Benson	May 15	May 23	Sept. 13	Sept. 21	113	129	53
Towner	McHenry	May 14	May 21	Sept. 12	Sept. 21	114	129	54
NORTHEAST DISTRICT								
Grafton	Walsh	May 9	May 18	Sept. 19	Sept. 25	123	139	70
Grand Forks	Grand Forks	May 6	May 16	Sept. 23	Sept. 29	130	146	66
Hansboro	Towner	May 17	May 27	Sept. 11	Sept. 18	106	124	65
Langdon Exp.	Cavalier	May 17	May 28	Sept. 13	Sept. 21	109	126	69
Pembina	Pembina	May 12	May 21	Sept. 17	Sept. 25	119	135	70
WEST CENTRAL DISTRICT								
Dunn Center	Dunn	May 12	May 17	Sept. 18	Sept. 27	122	137	50
Garrison	McLean	May 8	May 18	Sept. 19	Sept. 25	124	139	62
Washburn	McLean	May 6	May 13	Sept. 24	Oct. 1	137	148	26
Watford City	McKenzie	May 7	May 13	Sept. 19	Sept. 27	127	141	34
CENTRAL DISTRICT								
Fessenden	Wells	May 8	May 17	Sept. 18	Sept. 26	123	140	40
Jamestown	Stutsman	May 5	May 15	Sept. 20	Sept. 29	128	146	73
McClusky	Sheridan	May 11	May 20	Sept. 18	Sept. 26	120	137	54
Pettibone	Kidder	May 13	May 22	Sept. 12	Sept. 17	111	124	46
EAST CENTRAL DISTRICT								
Amenia	Cass	May 6	May 15	Sept. 23	Sept. 28	130	144	73
Cooperstown	Griggs	May 11	May 21	Sept. 19	Sept. 26	121	138	49
Fargo	Cass	May 4	May 12	Sept. 26	Oct. 2	137	151	66
Mayville	Traill	May 8	May 17	Sept. 24	Oct. 2	129	147	57
SOUTHWEST DISTRICT								
Beach	Golden Valley	May 12	May 20	Sept. 18	Sept. 27	121	138	58
Bowman	Bowman	May 6	May 14	Sept. 21	Sept. 30	130	146	52
Dickinson Exp.	Stark	May 12	May 19	Sept. 14	Sept. 22	117	132	72
Hettinger	Adams	May 11	May 18	Sept. 20	Sept. 27	124	137	36
Marmarth	Slope	May 11	May 16	Sept. 15	Sept. 23	122	136	43
SOUTH CENTRAL DISTRICT								
Carson #2	Grant	May 11	May 19	Sept. 15	Sept. 24	119	135	59
Mandan Exp.	Morton	May 7	May 12	Sept. 23	Sept. 28	133	144	59
SOUTHEAST DISTRICT								
Edgeley Exp.	LaMoure	May 11	May 18	Sept. 19	Sept. 28	123	139	66
Lisbon	Ransom	May 10	May 19	Sept. 20	Sept. 27	123	139	64
McLeod	Ransom	May 9	May 15	Sept. 22	Sept. 29	129	143	62
Napoleon	Logan	May 14	May 21	Sept. 16	Sept. 23	118	132	72
Oakes	Dickey	May 5	May 13	Sept. 23	Oct. 1	133	149	46
Wahpeton	Richland	May 4	May 13	Sept. 25	Oct. 3	136	151	65

WEATHER DATA

AVERAGE TEMPERATURE BY MONTHS, BY STATIONS AND CROP REPORTING DISTRICTS, NORTH DAKOTA, 1986
(Degrees F)

District and Stations	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Bowbells	17.5	9.0	34.9	32.2	55.8	63.7	66.1	63.3	50.1	43.6	19.5	20.0	39.6
Crosby	21.7	13.4	38.8	42.7	57.0	66.5	67.8	67.7	52.7	45.8	22.3	22.1	43.2
Fortuna	19.5	9.8	36.1	38.5	53.3	63.5	64.9	63.5	49.8	43.0	16.2	22.1	39.4
Kenmare	18.9	10.5	34.5	38.2	54.4	62.8	65.1	63.7	49.4	43.5	18.8	14.7	40.0
Minot Exp. Station	19.6	11.3	36.2	40.2	55.3	65.2	67.2	65.8	52.2	45.7	21.1	20.0	41.8
Mohall	17.5	10.4	34.9	40.1	54.5	63.7	65.2	63.6	51.5	43.1	19.6	22.1	40.3
Powers Lake	18.2	10.3	35.9	39.0	54.7	64.3	65.0	64.4	50.2	42.1	18.7	19.2	40.1
Williston WSO AP	22.2	13.3	39.8	41.9	55.8	66.8	67.3	66.8	52.0	45.0	22.6	18.5	43.0
NORTHWEST	19.8	11.4	36.7	40.2	55.4	64.9	66.4	65.1	51.2	44.4	20.2	22.1	41.3
												20.4	
Bottineau	12.9	7.5	31.4	40.4	55.4	63.9	65.9	63.7	52.2	43.3	17.2	15.4	39.1
Drake	17.8	11.1	37.1	42.0	57.7	67.6	68.9	67.5	54.2	46.2	20.7	20.3	42.6
Granville	18.7	11.1	36.7	40.9	54.9	65.6	66.9	66.0	53.8	45.2	19.7	20.1	41.6
Leeds	12.5	M	30.2	39.7	55.1	64.7	66.5	64.1	52.4	43.5	17.6	16.7	39.4
Rolla	13.3	8.1	28.7	37.4	52.6	60.0	64.3	62.1	50.2	41.4	16.8	18.1	37.8
Rugby	16.1	11.4	36.3	42.3	M	68.6	69.5	66.8	54.2	45.2	19.8	18.0	42.0
Upham	13.5	8.0	33.5	41.0	55.8	64.8	67.4	66.2	52.9	43.1	17.5	15.8	40.0
Westhope	16.9	10.8	37.0	41.6	57.1	64.7	67.3	65.3	M	M	17.4	16.0	40.9
Willow City	11.8	7.6	32.8	39.9	55.4	64.8	66.5	63.7	52.3	43.4	17.1	13.9	39.1
NORTH CENTRAL	15.0	9.3	33.6	40.5	55.5	64.9	66.8	64.8	52.5	43.7	18.0	16.8	40.1
Devils Lake	M	8.9	31.5	40.5	56.2	65.5	69.0	65.2	54.7	45.2	19.7	17.7	40.5
Edmore	10.7	6.3	30.8	41.0	55.8	63.6	67.3	M	52.1	42.1	17.9	15.0	38.9
Grafton	12.2	8.5	31.4	43.6	60.6	67.9	71.3	66.1	56.2	45.7	19.4	19.0	41.8
Grand Forks FAA AP	10.4	7.2	30.5	42.1	58.5	66.7	70.5	64.7	55.6	43.8	20.0	17.5	40.6
Langdon Exp. Farm	8.5	4.2	26.7	38.6	54.0	62.3	65.7	61.5	51.5	41.4	15.2	14.4	37.0
Park River	13.7	10.5	33.6	43.3	59.4	67.9	70.8	65.7	55.5	45.8	20.0	19.0	42.1
Pembina	8.9	5.4	25.8	40.9	57.0	63.1	67.5	62.3	52.3	41.2	15.0	13.3	37.7
Petersburg	10.3	7.2	29.0	40.3	55.6	64.7	67.6	62.3	55.2	42.4	17.2	14.5	38.9
NORTHEAST	11.5	7.6	30.4	41.5	57.4	65.2	68.9	64.1	54.1	43.7	18.1	16.6	39.9
Beulah	21.0	12.7	37.4	40.7	52.3	70.9	68.0	67.5	54.8	47.0	23.7	23.1	43.3
Center	22.2	13.9	37.2	41.1	57.8	65.6	68.0	64.9	53.6	46.6	23.7	23.0	43.1
Dunn Center	23.4	14.0	38.2	41.1	56.4	67.9	68.3	68.1	53.7	47.2	24.0	25.5	44.0
Turtle Lake	17.7	11.7	37.0	40.9	55.1	65.8	67.4	64.0	52.0	44.5	20.8	20.1	41.4
Underwood	21.5	13.2	38.8	42.3	57.2	67.8	68.7	67.3	53.5	45.7	21.7	22.3	43.3
Watford City	M	M	M	43.4	M	M	68.3	69.2	M	M	28.0	26.8	44.1
WEST CENTRAL	21.3	13.0	38.0	41.4	55.3	67.0	68.0	66.5	53.1	45.9	22.8	23.0	42.9
Carrington	16.2	8.5	34.4	40.8	56.5	65.0	68.6	65.1	53.7	43.9	19.7	19.5	41.0
Hurdsfield	15.6	8.2	34.1	39.5	53.6	64.2	66.7	62.3	50.9	44.1	19.2	17.7	39.7
Jamestown FAA Airport	18.4	M	37.4	43.0	58.6	69.4	72.4	67.9	56.5	48.6	23.9	23.2	44.1
McHenry	12.1	7.9	31.1	40.6	55.4	64.3	68.1	63.3	52.6	44.1	18.4	16.7	40.3
Pettibone	16.0	9.9	34.8	40.5	55.0	66.9	69.6	65.8	54.0	45.7	21.3	18.6	41.5
Tuttle	16.5	9.5	36.0	41.4	55.3	66.0	68.0	63.9	52.8	45.0	20.1	18.7	41.1
CENTRAL	16.6	9.9	35.3	41.4	56.7	66.8	69.2	65.3	53.9	45.7	20.8	19.9	41.8
Casselton Agronomy Farm	13.2	10.0	31.5	43.5	57.3	66.5	70.7	64.1	56.4	45.2	21.8	21.0	41.8
Colgate	13.1	8.5	32.6	42.3	57.4	64.8	69.1	63.4	53.8	43.3	18.9	18.4	40.5
Cooperstown	13.9	10.1	34.3	42.8	57.1	67.2	70.2	64.8	54.2	45.2	20.2	19.1	41.6
Fargo WSO AP	13.8	10.5	31.6	43.9	57.5	67.5	71.5	65.6	56.1	45.3	23.1	20.8	42.3
Mayville	13.7	11.3	32.2	43.8	58.4	69.3	72.2	66.5	57.0	46.8	20.6	19.7	42.6
Sharon	13.3	10.0	32.2	42.4	58.0	66.8	70.0	64.9	54.9	45.6	19.3	17.3	41.2
Valley City	13.5	8.5	31.9	41.6	55.2	64.9	68.6	62.6	53.5	43.4	20.7	20.1	40.4
EAST CENTRAL	13.3	9.8	32.1	42.9	57.5	66.7	70.6	64.8	55.4	45.1	20.8	19.4	41.5
Amidon	27.1	16.3	39.7	40.8	54.3	66.3	67.9	67.1	51.5	46.5	25.9	26.9	44.2
Bowman (Courthouse)	24.8	13.7	38.7	40.2	52.9	66.6	68.5	66.7	51.9	46.8	25.3	25.1	43.4
Dickinson Exp. Station	22.9	14.3	38.5	39.6	53.6	65.2	64.5	63.8	51.5	44.5	22.0	24.2	42.1
Fairfield	23.6	13.9	39.2	41.0	54.2	65.6	65.3	65.9	51.5	45.8	23.4	M	43.0
Hettinger	23.5	14.7	39.5	40.3	53.3	66.7	68.9	67.1	M	46.8	25.9	25.3	43.7
Medora	27.6	19.2	42.9	43.9	56.2	70.6	69.7	69.5	54.0	48.0	28.3	28.2	46.5
Mott	22.7	13.1	39.6	41.1	53.5	67.1	68.6	65.7	52.0	46.5	24.3	24.4	43.2
Richardton (Abbey)	24.1	14.5	40.4	42.1	55.6	68.0	68.7	67.8	53.2	46.5	24.6	26.6	44.3
SOUTHWEST	24.5	14.9	39.8	41.5	54.2	67.0	67.7	66.4	52.3	46.3	25.1	26.1	43.8
Bismarck WFSO AP	20.1	13.8	38.8	42.3	55.9	66.5	70.1	65.5	54.3	46.1	23.5	22.3	43.3
Carson	20.5	12.5	35.6	36.7	52.4	65.7	66.8	64.4	52.2	46.6	23.2	25.4	41.8
Fort Yates	25.0	17.6	M	M	M	72.4	74.5	70.3	58.7	51.1	29.8	28.7	47.0
Moffit	20.6	13.1	39.1	42.8	57.0	68.5	71.1	67.7	55.4	48.0	24.2	23.1	44.2
New Salem	20.6	13.9	39.5	42.7	55.9	67.7	68.5	66.3	53.8	47.0	23.1	23.0	43.5
Wilton	19.0	10.6	36.2	40.2	54.0	65.2	66.3	62.7	51.0	43.2	18.7	20.0	40.6
SOUTH CENTRAL	21.2	13.4	38.4	41.6	55.4	67.5	69.4	66.2	54.1	47.0	23.8	23.8	43.5
Ashley	17.0	9.4	34.6	41.1	54.5	67.0	70.0	64.3	53.1	45.2	21.6	22.0	41.7
Ellendale	17.9	11.3	35.6	43.8	56.2	68.1	70.1	65.0	55.3	47.0	24.4	24.4	43.3
Forman	14.3	10.1	32.2	43.9	57.4	67.8	71.1	65.0	55.3	45.9	24.3	22.9	42.5
Fullerton	16.6	11.1	35.9	43.7	57.5	68.0	70.9	65.5	56.7	47.6	25.0	23.5	43.5
Hankinson	15.1	11.0	31.4	44.3	57.6	68.6	72.0	65.6	56.7	46.1	24.5	23.4	43.0
Lisbon	13.4	10.2	32.6	43.5	56.3	66.8	70.1	63.6	54.3	44.8	22.8	21.6	41.7
McLeod	14.4	10.5	33.5	44.3	58.0	68.6	71.7	66.8	57.6	47.4	25.0	23.3	43.4
Napoleon	16.9	9.4	M	M	54.7	66.9	70.8	65.2	M	45.4	M	20.0	42.1
Wapheton	14.8	11.3	32.3	45.1	59.2	69.8	73.1	66.4	56.7	46.7	24.7	23.0	43.6
Wishek	17.3	9.8	34.4	40.2	53.7	65.2	68.1	63.2	53.2	46.7	21.8	20.8	41.1
SOUTHEAST	15.7	10.4	33.9	43.1	56.6	67.7	70.8	65.0	55.4	46.1	23.4	22.3	42.5
STATE	17.7	11.1	35.4	41.6	56.0	66.4	68.6	65.4	53.6	45.3	21.4	20.9	41.9

Underlined figures are partially estimated. M - Missing. Source: Environmental Data and Information Service.

WEATHER DATA

MONTHLY PRECIPITATION BY STATIONS AND CROP REPORTING DISTRICTS, NORTH DAKOTA, 1986 1/
(Inches)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	.28	.39	.25	.72	3.39	1.73	5.36	1.62	2.24	.79	.63	.09	17.49
Foxholm	.36	.75	.41	3.10	1.73	.71	3.09	M	1.33	.73	1.25	.02	14.61
Grenora	.10	.57	.48	1.75	2.89	1.77	2.81	1.19	3.69	1.13	.72	T	17.10
Kenmare	.51	1.26	.41	1.71	2.29	2.04	4.71	.87	1.63	.56	.56	T	16.55
Minot Exp. Station	.45	.60	.31	3.62	1.57	1.30	4.16	1.06	1.85	.64	2.85	.03	18.44
Mohall	.37	.71	.63	2.45	2.30	2.15	6.16	1.58	1.96	.79	1.46	.09	20.65
Powers Lake	.18	.29	.18	1.38	3.04	2.59	5.39	.75	1.82	.62	1.23	.03	17.50
Stanley	.27	.53	.59	2.45	M	M	4.05	2.01	2.85	.67	1.43	.06	19.81
Williston WSO AP	.35	.62	.83	2.57	3.39	2.19	5.70	1.06	3.11	.78	1.15	.09	21.84
NORTHWEST	.29	.53	.39	2.08	2.91	1.99	4.71	1.13	2.41	.73	1.22	.04	18.43
Bottineau	.21	.27	.30	2.85	1.29	3.02	4.08	1.07	1.78	.47	1.05	.06	16.45
Drake	.32	.21	.10	3.29	.59	1.43	4.34	.90	2.20	.40	.82	.05	14.65
Granville	.21	.27	.09	3.96	1.28	1.07	5.51	1.03	2.33	.77	1.68	.07	18.27
Leeds	.07	M	.08	3.11	.91	1.54	6.88	.78	1.37	.60	1.73	.05	17.46
Rolla	.30	.38	.15	2.60	1.61	4.11	4.76	1.38	2.27	.50	1.48	.18	19.72
Rugby	.00	M	T	2.64	M	.75	5.43	.78	2.78	.22	M	.00	15.42
Upham	.30	.47	.12	3.92	.96	1.37	3.91	1.27	1.44	.44	1.63	.16	15.99
Westhope	.28	.11	.24	2.55	2.54	2.51	6.04	.78	M	M	.37	.13	18.12
Willow City	.39	.48	.06	3.57	1.78	1.84	6.45	1.15	2.17	.21	1.15	.14	19.39
NORTH CENTRAL	.31	.34	.12	3.45	1.31	1.84	5.49	1.07	2.10	.47	1.17	.10	17.77
Devils Lake	.28	.43	.20	3.51	1.77	3.14	8.10	2.58	2.66	.89	3.88	.33	27.77
Edmore	.34	.28	.08	2.43	.80	2.47	8.09	M	2.00	.80	1.27	.22	20.26
Grafton	.55	.46	.31	3.86	1.40	1.55	5.48	1.40	1.96	.74	2.04	.14	19.89
Grand Forks FAA AP	.59	.40	.04	2.02	1.81	1.07	3.71	1.58	2.40	.35	1.96	.36	16.29
Langdon Exp. Station	.32	.36	.10	2.69	1.83	3.89	5.44	1.13	1.82	.90	.64	.16	19.28
Park River	.48	.64	.04	3.62	.62	1.38	8.92	1.22	2.70	.72	2.26	.40	23.00
Pembina	.45	.27	T	1.92	1.95	1.76	3.19	.83	2.07	.79	2.78	.11	16.12
Petersburg	.32	.33	.05	3.56	1.16	1.60	6.88	3.05	3.73	.43	1.89	.75	23.75
NORTHEAST	.48	.38	.12	3.18	1.44	2.28	5.98	1.48	2.24	.60	2.06	.24	20.48
Beulah	.52	.46	.06	4.08	3.62	2.46	3.02	.92	4.11	.29	1.47	.00	21.01
Butte	M	.41	.11	3.93	1.72	.87	4.43	1.51	1.90	.72	1.08	.00	17.15
Center	.00	.00	.46	3.38	2.64	3.46	1.97	1.35	2.80	.45	.00	T	16.51
Dunn Center	.53	.23	.73	2.34	4.93	3.42	4.53	.62	4.86	.14	1.77	T	24.10
Max	.51	.34	.37	3.73	2.01	1.27	5.72	1.54	2.03	.55	1.44	T	19.51
Turtle Lake	.49	.82	.15	4.15	1.61	2.40	4.95	1.66	2.25	.34	1.15	T	19.97
Underwood	.38	.36	.41	4.58	2.60	2.78	4.26	2.29	3.39	.39	1.95	T	23.39
Washburn	.32	.28	.24	3.76	2.95	2.38	2.59	1.85	2.16	1.16	1.50	.02	19.21
WEST CENTRAL	.47	.54	.32	3.31	3.06	2.42	4.02	1.20	3.14	.41	1.42	.03	20.34
Carrington	.26	.42	.04	3.71	1.58	2.43	5.75	2.06	3.02	.91	1.82	.08	22.08
Hurdsfield	.43	.59	.11	3.85	1.45	2.48	3.11	.99	3.37	.87	1.17	.05	18.47
Jamestown FAA Airport	.45	M	.00	6.61	2.49	1.84	4.24	3.24	4.21	.34	1.84	.01	25.67
McHenry	.22	.60	.04	4.62	1.88	.89	6.48	2.81	2.96	.47	2.26	.22	23.45
Pettibone	.35	.52	.00	3.99	1.80	3.39	6.39	1.36	4.58	2.13	2.35	.00	26.86
Tuttle	.34	.25	.10	3.88	1.49	2.98	6.07	1.13	4.37	1.12	1.77	T	23.50
CENTRAL	.27	.40	.04	4.50	1.64	2.19	4.97	2.19	3.55	.80	1.83	.05	22.43
Casselton Agronomy Farm	.77	.30	T	7.83	1.62	1.83	8.05	2.99	2.66	.24	1.46	.11	27.86
Colgate	.13	T	.00	4.02	2.15	2.14	4.35	1.95	3.30	.46	2.33	.05	20.88
Cooperstown	T	T	T	4.32	2.32	.84	6.34	2.00	5.82	.19	2.40	.15	24.38
Fargo WSO	.85	.27	.19	5.28	1.00	3.98	4.78	1.72	3.67	.05	1.43	.29	23.51
Mayville	.61	.71	.04	4.82	2.04	2.60	4.08	2.84	2.80	.45	2.57	.27	23.83
Sharon	.53	.50	.10	5.23	2.29	1.74	5.38	3.36	3.24	.43	3.52	.13	26.45
Valley City	.75	.29	T	5.60	2.12	2.90	5.29	4.86	2.91	.30	1.43	.09	26.54
EAST CENTRAL	.51	.28	.04	5.44	1.99	2.28	5.24	2.75	3.39	.31	2.19	.16	24.58
Amidon	1.37	.92	.33	1.68	2.22	1.19	4.34	.66	4.39	.51	.67	.09	18.37
Bowman	1.19	.46	.14	1.67	3.34	3.16	2.55	.49	4.63	.71	.87	.10	19.31
Dickinson Exp. Station	.42	.74	.19	2.33	2.84	4.27	3.92	.54	4.61	.36	1.40	.06	21.68
Fairfield	.27	.52	.25	2.73	3.58	3.01	2.53	.44	5.63	.45	1.44	.02	20.87
Hettinger	1.02	.40	.35	3.33	2.79	1.16	2.35	.47	M	.29	.65	T	17.60
Medora	.27	.54	.14	2.63	2.64	4.30	2.48	.08	6.05	.69	1.16	.08	21.06
Mott	.43	.14	.29	3.47	3.17	4.27	2.49	.80	4.34	.45	1.01	T	20.86
Richardton (Abbey)	.71	.70	.45	2.51	4.33	2.72	2.74	.28	4.41	.33	1.72	.04	20.94
SOUTHWEST	.64	.60	.29	2.43	3.08	3.19	3.06	.50	4.79	.45	1.17	.05	20.25
Bismarck WSFO AP	.36	.25	.25	3.60	3.11	3.95	4.24	1.61	4.41	.35	2.09	.02	24.24
Carson	.48	.27	.43	3.37	4.90	3.12	3.99	1.54	3.81	.23	1.09	T	23.23
Fort Yates	.27	.26	M	M	M	.45	3.64	2.15	2.59	.69	.62	T	18.59
Moffit	.10	.04	.01	3.28	2.18	3.89	4.80	2.58	4.66	.81	1.30	T	23.65
New Salem	.72	.64	.18	4.57	4.24	3.06	4.43	1.36	3.93	.51	2.64	.03	26.31
Pretty Rock	.43	.12	.36	4.08	5.10	3.12	2.13	.76	5.01	.37	.68	T	22.16
Wilton	.52	.48	.33	4.29	1.80	2.12	3.56	2.02	4.18	.72	1.49	T	21.51
SOUTH CENTRAL	.46	.29	.26	3.81	3.85	2.77	4.15	1.88	4.09	.50	1.66	.01	23.73
Ashley	.18	.31	.40	5.57	3.54	1.47	2.66	3.25	2.85	1.18	.85	.01	22.27
Ellendale	.42	.12	.53	9.65	3.00	2.65	4.44	5.47	4.09	.70	.55	T	31.62
Forman	.22	.46	.63	8.83	2.49	3.51	4.88	3.92	2.67	.40	.80	T	28.81
Fullerton	.87	1.03	1.01	8.61	3.55	1.76	5.22	3.85	5.58	.59	1.35	.00	33.42
Hankinson	.47	1.16	.47	6.66	2.67	4.17	4.29	3.92	5.77	.29	.77	.15	30.79
Lisbon	.49	.37	.50	6.64	2.14	3.00	4.93	2.70	3.66	.29	.51	T	25.23
McLeod	.42	.12	.59	7.67	2.13	2.18	6.12	3.64	3.71	.04	1.11	.00	27.73
Napoleon	.43	.59	M	M	3.04	2.85	4.34	3.26	M	1.30	M	T	29.13
Wahpeton	.29	.22	.56	7.57	3.17	3.13	5.18	4.46	7.34	.22	.80	.03	32.97
Wishek	.00	.00	.25	3.40	4.40	4.00	3.75	3.95	6.10	.90	.10	.00	26.85
SOUTHEAST	.46	.47	.48	7.50	3.02	3.00	4.85	3.51	4.37	.51	.97	.02	29.16
STATE	.43	.42	.22	3.96	2.47	2.44	4.71	1.74	3.34	.53	1.52	.07	21.85

Underlined figures are partially estimated. M - Missing. T - Trace. 1/ Preliminary data. Source: Environmental Data and Information Service.

WEATHER DATA

LONG-TERM PRECIPITATION BY MONTHS AND STATIONS,
North Dakota, 1951-80 (Inches)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	.40	.39	.43	1.30	2.00	2.71	2.04	1.99	1.78	.84	.40	.43	14.71
Foxholm	.46	.40	.47	1.54	2.12	3.49	1.99	2.04	1.79	.81	.50	.45	16.06
Grenora	.43	.41	.46	1.28	2.06	2.93	2.12	1.79	1.50	.75	.43	.43	14.59
Kenmare	.53	.48	.60	1.46	2.11	3.10	1.85	1.82	1.83	.81	.41	.44	15.44
Minot Exp. Station	.58	.53	.61	1.90	2.25	3.13	2.18	2.02	1.98	.87	.59	.54	17.18
Mohall	.44	.40	.47	1.35	2.24	3.36	2.22	2.29	1.82	.96	.41	.40	16.36
Parshall	.34	.35	.42	1.39	2.24	3.66	2.16	1.98	2.01	.73	.39	.36	16.03
Powers Lake	.35	.35	.49	1.31	2.07	3.14	2.14	1.96	1.85	.82	.37	.33	15.18
Williston WSO	.55	.50	.57	1.29	1.85	2.68	1.83	1.42	1.37	.74	.50	.55	13.85
NORTHWEST DISTRICT (1)	.47	.44	.53	1.43	2.16	3.13	2.06	1.94	1.79	.90	.45	.45	15.75
Bottineau	.47	.41	.57	1.31	2.15	3.31	2.80	2.87	1.96	.99	.48	.46	17.78
Drake	.42	.35	.66	1.47	2.18	3.39	2.71	2.12	1.86	.93	.55	.45	17.09
Granville	.45	.42	.61	1.55	2.17	3.30	1.95	2.42	1.76	.85	.44	.46	16.38
Leeds	.73	.46	.87	1.43	2.18	3.28	2.47	2.17	1.73	.88	.61	.60	17.41
Rolla	.51	.49	.66	1.20	2.25	3.44	2.82	2.92	1.97	.84	.53	.52	18.15
Rugby	.59	.43	.64	1.29	1.93	3.14	2.56	2.61	1.79	.86	.50	.50	16.84
Upham	.46	.41	.49	1.36	2.11	3.08	2.15	2.41	1.77	.88	.48	.48	16.08
Westhope	.47	.38	.52	1.19	1.96	3.04	2.13	2.31	1.86	.90	.43	.47	15.66
Willow City	.46	.38	.53	1.20	1.84	2.88	2.28	2.50	1.77	.82	.40	.43	15.49
NORTH CENTRAL DISTRICT (2)	.49	.41	.61	1.33	2.11	3.19	2.49	2.51	1.82	.89	.48	.48	16.81
Devils Lake	.55	.45	.76	1.00	2.18	3.32	2.21	2.11	1.88	.88	.63	.55	16.52
Edmore	.45	.30	.48	1.18	2.20	2.95	2.80	2.54	1.88	1.04	.41	.33	16.56
Grafton	.59	.44	.74	1.52	2.19	3.25	2.54	2.56	2.06	1.08	.66	.53	18.16
Grand Forks FAA AP	.76	.51	.77	1.34	1.95	2.89	2.86	2.62	2.04	1.11	.80	.64	18.29
Hannah	.44	.43	.54	1.13	2.27	3.05	2.68	2.91	2.01	1.01	.56	.45	17.48
Langdon Exp. Farm	.59	.42	.72	1.33	2.44	2.97	2.99	3.01	1.97	1.12	.65	.51	18.72
Park River	.52	.36	.66	1.70	2.32	3.40	2.66	2.45	2.02	1.09	.58	.49	18.25
Pembina	.50	.41	.69	1.33	2.42	2.86	2.90	2.65	2.19	1.09	.55	.51	18.10
Petersburg	.59	.36	.78	1.34	2.19	3.34	2.73	2.54	2.06	1.08	.72	.45	18.18
NORTHEAST DISTRICT (3)	.55	.41	.71	1.33	2.24	3.13	2.77	2.65	2.05	1.06	.62	.51	18.03
Butte	.42	.39	.54	1.41	1.96	3.17	2.32	1.96	1.78	.78	.43	.39	15.55
Center	.51	.54	.75	1.64	2.45	3.34	2.64	1.99	1.73	.91	.65	.59	17.74
Dunn Center	.40	.48	.60	1.60	2.35	3.69	2.17	2.05	1.65	.87	.51	.39	16.76
Garrison	.41	.48	.57	1.40	1.89	3.17	2.01	1.78	1.60	.68	.42	.46	14.87
Max	.44	.54	.65	1.70	2.17	3.77	2.44	2.18	1.74	.83	.57	.47	17.50
Turtle Lake	.61	.50	.69	1.64	2.11	3.70	2.31	2.08	1.76	.86	.50	.56	17.32
Wilton	.47	.39	.59	1.55	2.59	3.93	2.66	2.08	1.65	.93	.42	.41	17.67
WEST CENTRAL DISTRICT (4)	.45	.44	.56	1.52	2.26	3.53	2.34	1.91	1.70	.81	.49	.45	16.46
Carrington	.61	.50	.75	1.59	2.49	3.77	2.54	2.12	1.69	.98	.63	.51	18.18
Fessenden	.61	.54	.74	1.48	2.49	3.49	2.50	2.24	1.76	1.00	.56	.57	17.98
Jamestown FAA Airport	.60	.58	.79	1.52	2.32	3.59	3.02	2.12	1.61	.94	.52	.51	18.12
McClusky	.55	.46	.67	1.61	2.16	3.99	2.35	2.03	1.64	.86	.52	.57	17.41
Pettibone	.41	.35	.59	1.48	2.37	3.44	2.52	2.03	1.72	.96	.44	.38	16.69
Tuttle	.46	.35	.62	1.48	2.65	3.70	2.30	1.91	1.77	.79	.42	.38	16.83
CENTRAL DISTRICT (5)	.49	.43	.64	1.51	2.38	3.62	2.63	2.15	1.72	.96	.51	.46	17.50
Colgate	.40	.27	.60	1.50	2.26	3.24	2.64	2.64	2.00	1.12	.51	.40	17.58
Cooperstown	.51	.37	.70	1.48	2.37	3.57	3.05	2.60	2.23	1.15	.71	.54	19.28
Fargo WSO	.55	.42	.83	1.90	2.24	3.06	3.34	2.67	1.87	1.29	.79	.63	19.59
Hillsboro	.43	.39	.75	1.71	2.21	3.73	3.22	2.68	2.16	1.36	.65	.53	19.82
Mayville	.65	.50	.82	1.54	2.24	3.46	2.48	2.57	2.12	1.25	.68	.65	18.96
Sharon	.55	.42	.83	1.64	2.54	3.43	2.93	2.55	2.40	1.17	.71	.52	19.69
Valley City	.49	.44	.71	1.61	2.35	3.52	2.74	2.36	1.95	1.07	.64	.55	18.43
EAST CENTRAL DISTRICT (6)	.51	.40	.76	1.69	2.37	3.48	2.94	2.58	2.10	1.23	.68	.55	19.29
Amidon	.37	.37	.54	1.53	2.54	3.85	2.23	1.49	1.41	.74	.42	.39	15.88
Bowman	.33	.42	.52	1.47	2.43	3.68	2.11	1.63	1.41	.76	.42	.35	15.53
Dickinson Exp. Station	.34	.40	.57	1.73	2.53	3.69	2.08	1.86	1.51	.85	.45	.34	16.35
Fairfield	.34	.35	.48	1.44	2.45	3.60	1.99	1.84	1.64	.77	.46	.31	15.67
Hettinger	.31	.33	.49	1.68	2.76	3.64	2.04	1.77	1.43	.85	.42	.27	15.99
Medora	.43	.42	.57	1.41	2.40	3.53	1.96	1.45	1.42	.75	.50	.38	15.22
Mott	.39	.40	.57	1.65	2.55	3.80	1.99	1.80	1.42	.70	.46	.36	16.09
Richardton	.47	.54	.76	1.81	2.77	3.78	2.35	1.81	1.55	.81	.56	.45	17.66
SOUTHWEST DISTRICT (7)	.39	.43	.58	1.54	2.48	3.62	2.09	1.69	1.46	.84	.48	.38	15.98
Bismarck WSO	.51	.45	.70	1.51	2.23	3.01	2.05	1.69	1.38	.81	.51	.51	15.36
Carson	.33	.40	.60	1.85	2.68	3.62	2.39	1.89	1.38	.84	.43	.36	16.77
Fort Yates	.33	.36	.58	1.55	2.32	2.80	1.73	1.61	1.33	.83	.34	.33	14.11
Linton	.51	.45	.79	1.85	2.57	3.56	2.33	1.67	1.53	.91	.55	.53	17.25
New Salem	.47	.48	.72	1.70	2.34	3.62	2.20	2.18	1.48	.84	.52	.47	17.02
Shields	.33	.34	.66	1.70	2.39	3.16	2.05	1.94	1.32	.83	.43	.31	15.46
SOUTH CENTRAL DISTRICT (8)	.41	.40	.61	1.64	2.46	3.47	2.18	1.89	1.46	.83	.46	.40	16.21
Ashley	.37	.38	.70	1.51	2.69	3.61	2.51	2.24	1.54	.95	.41	.36	17.27
Ellendale	.45	.52	.69	2.14	3.04	4.01	2.50	2.28	1.89	1.14	.57	.43	19.66
Forman	.55	.51	.87	2.03	2.76	3.78	2.77	2.59	1.82	1.06	.74	.49	19.97
Fullerton	.62	.68	.96	2.29	2.95	3.86	2.54	2.56	1.88	1.20	.76	.53	20.83
Hankinson R.R. Station	.55	.57	.78	2.05	2.62	4.03	2.74	2.59	1.96	1.19	.71	.57	20.36
Lisbon	.47	.47	.77	1.98	2.60	3.71	2.77	2.98	1.83	1.19	.69	.59	20.05
McLeod	.46	.42	.73	1.54	2.40	3.44	3.00	3.01	1.82	1.17	.77	.49	19.25
Napoleon	.45	.39	.76	1.55	2.57	3.19	2.83	2.06	1.73	.93	.53	.43	17.42
Wahpeton	.62	.47	.79	2.14	2.88	4.09	3.21	2.88	2.00	1.25	.77	.62	21.72
Wishek	.46	.46	.78	1.73	2.64	3.53	2.62	2.14	1.48	.88	.44	.45	17.61
SOUTHEAST DISTRICT (9)	.48	.49	.79	1.93	2.70	3.75	2.74	2.52	1.83	1.11	.62	.48	19.44
STATE	.47	.43	.64	1.55	2.35	3.44	2.47	2.20	1.77	.96	.53	.46	17.27

Source: National Climatic Data Center

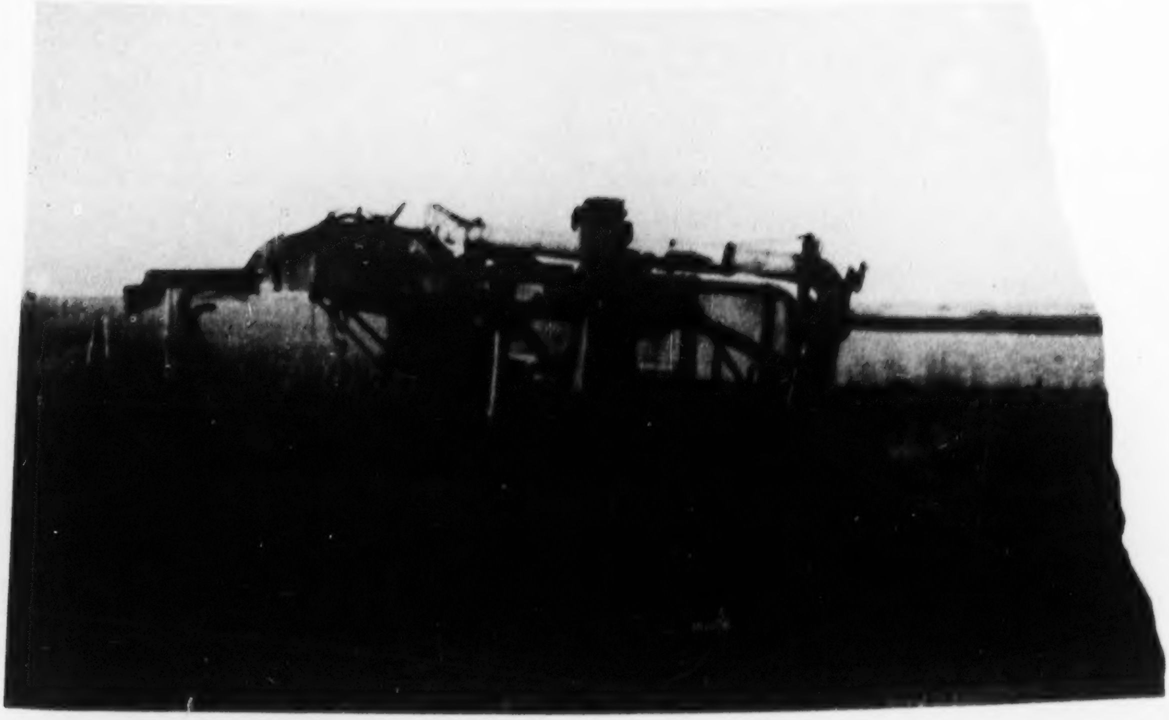
WEATHER DATA

LONG-TERM MEAN TEMPERATURES BY MONTHS AND STATIONS,
North Dakota, 1951-80 (Degrees F)

District and Station	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Crosby	5.0	12.8	23.6	40.8	53.9	62.9	68.7	66.9	56.1	44.7	26.5	13.5	39.6
Foxholm	6.0	13.4	24.1	41.2	54.4	63.5	69.2	67.5	56.8	46.0	28.1	14.5	40.4
Grenora	6.2	14.3	24.8	41.2	53.9	62.9	68.8	67.1	56.2	45.3	27.3	14.7	40.2
Kenmare	4.1	11.4	21.8	39.1	52.7	62.1	68.0	65.8	54.6	43.6	26.3	13.2	38.6
Minot Exp. Station	4.5	11.6	22.5	40.2	53.5	63.0	68.6	66.9	55.7	44.5	26.6	13.3	39.2
Mohall	2.7	10.3	21.8	40.1	53.1	62.6	68.0	66.1	55.0	43.7	26.1	12.0	38.5
Parshall	5.8	13.2	24.4	41.1	53.9	63.0	68.9	67.2	56.2	45.1	27.2	14.3	40.0
Powers Lake	2.4	10.1	20.7	38.3	51.4	60.8	66.6	65.0	53.8	42.5	24.6	11.7	37.3
Williston WSO	6.6	14.6	25.3	41.8	54.5	63.8	70.0	68.1	56.6	45.1	27.6	14.9	40.8
NORTHWEST DISTRICT (1)	5.1	12.3	23.0	40.3	53.3	62.5	68.4	66.5	55.4	44.4	26.5	13.5	39.3
Bottineau	-.2	7.4	19.3	38.9	52.7	62.1	67.4	65.7	54.2	42.9	23.9	9.0	36.9
Drake	3.7	10.6	21.9	40.0	53.7	63.2	69.0	67.2	55.8	44.8	26.5	12.7	39.1
Granville	4.6	12.3	23.6	41.3	54.3	63.5	69.4	67.7	56.7	45.6	27.6	13.3	40.0
Leeds	2.1	9.4	21.4	40.2	53.6	63.4	68.4	66.4	55.4	44.2	25.9	10.9	38.4
Rolla	1.8	9.2	20.1	38.2	52.0	61.4	66.7	64.8	53.7	43.1	24.7	10.2	37.2
Rugby	3.9	11.2	23.0	41.7	55.4	65.0	70.2	68.4	57.1	46.0	27.2	12.6	40.1
Upham	1.5	9.1	21.0	40.4	53.9	63.2	68.4	66.4	55.2	43.8	25.5	10.4	38.2
Westhope	1.5	9.2	21.2	40.2	53.8	62.8	67.8	66.1	55.0	43.9	25.0	10.4	38.1
Willow City	.0	7.5	19.7	39.3	52.7	62.3	67.5	65.2	54.0	42.8	24.4	9.2	37.1
NORTH CENTRAL DISTRICT (2)	2.7	9.9	21.5	40.0	53.6	62.9	68.2	66.3	55.2	44.2	25.8	11.2	38.5
Devils Lake	2.3	9.7	21.7	40.0	53.9	63.6	69.1	67.1	56.0	44.8	26.4	11.2	38.8
Edmore	.2	7.6	20.0	39.0	52.6	62.0	67.0	65.3	54.5	43.1	24.5	9.2	37.1
Grafton	2.2	9.5	22.3	41.2	55.4	64.5	69.3	67.8	57.4	46.0	26.9	10.7	39.4
Grand Forks FAA AP	2.2	9.3	22.1	40.7	54.4	63.9	68.8	66.9	56.2	44.9	26.5	11.1	38.9
Hannah	-1.1	6.0	18.1	37.6	52.0	61.6	66.0	64.0	53.7	42.7	23.6	7.8	36.0
Langdon Exp. Farm	-.5	7.0	19.2	38.3	52.4	61.7	66.4	64.8	54.3	43.1	24.0	8.3	36.6
Park River	3.8	11.0	23.2	41.4	55.5	65.0	70.2	68.4	58.1	46.8	27.8	12.2	40.3
Pembina	-.9	6.2	19.4	39.6	53.8	63.4	68.3	66.1	55.9	44.6	25.5	8.9	37.6
Petersburg	1.3	8.1	20.3	38.8	52.9	62.4	67.4	65.5	54.5	43.4	25.0	9.7	37.4
NORTHEAST DISTRICT (3)	1.4	8.7	21.1	39.8	53.8	63.3	68.2	66.3	55.7	44.5	25.8	10.2	38.2
Butte	5.8	12.7	23.7	41.2	54.6	64.2	70.0	68.4	57.0	45.8	27.6	14.2	40.4
Center	7.4	14.7	25.2	41.4	54.2	63.4	69.2	67.7	56.4	45.6	28.4	15.8	40.8
Dunn Center	7.4	14.6	23.9	40.2	53.2	62.6	69.0	67.7	56.3	45.2	28.1	15.9	40.3
Garrison	5.3	12.2	23.0	40.3	53.2	62.7	68.9	67.5	56.0	44.8	27.3	14.4	39.6
Max	4.2	11.1	22.0	39.7	52.9	62.5	68.4	66.4	55.0	43.7	26.0	12.8	38.7
Turtle Lake	6.3	13.6	24.8	41.9	55.0	64.4	70.3	68.8	57.5	46.2	28.0	14.8	41.0
Washburn	7.8	15.6	26.3	42.9	55.5	65.0	70.9	69.4	58.2	47.0	29.5	16.2	42.0
WEST CENTRAL DISTRICT (4)	6.9	14.2	24.7	41.3	54.2	63.5	69.6	68.1	56.8	45.6	28.2	15.5	40.7
Carrington	3.9	10.6	21.9	39.4	52.9	62.6	68.1	66.2	55.2	44.5	26.6	12.4	38.7
Fessenden	5.4	12.6	24.4	41.9	55.1	64.4	69.9	68.3	57.6	46.3	28.0	13.8	40.6
Jamestown FAA Airport	5.4	12.6	24.3	41.4	54.3	64.2	69.9	68.2	56.9	45.6	27.7	13.7	40.4
McClusky	5.5	12.7	24.1	41.3	54.8	64.3	70.3	68.7	57.3	45.6	27.4	13.8	40.5
Pettibone	4.3	11.5	23.4	41.2	54.0	63.6	69.6	68.1	57.0	45.3	27.8	13.0	39.9
Steele	6.5	13.9	25.2	42.4	55.4	64.4	70.1	68.6	57.9	46.7	28.6	14.8	41.2
CENTRAL DISTRICT (5)	5.3	12.1	23.8	41.2	54.4	63.9	69.5	67.9	56.8	45.6	27.5	13.4	40.1
Amenia	5.0	12.4	25.5	43.1	56.5	65.6	70.6	69.2	59.0	47.5	29.0	13.2	41.4
Cooperstown	4.0	11.3	24.0	41.7	55.2	64.5	69.9	68.3	57.5	46.2	27.5	12.5	40.2
Fargo WSO	4.3	11.0	24.0	42.1	55.6	65.2	70.6	68.8	57.8	46.3	28.2	12.7	40.5
Hillsboro	4.7	11.7	24.3	42.5	56.3	65.7	70.9	69.0	58.7	47.2	28.6	13.1	41.1
Mayville	4.3	11.3	24.1	42.2	55.8	65.2	70.2	68.6	58.0	46.8	28.2	13.0	40.6
Sharon	2.8	10.2	22.5	40.5	54.1	63.3	68.3	67.1	56.4	45.3	26.3	11.2	39.0
Valley City	4.9	12.2	24.2	41.4	55.0	64.1	69.4	67.5	56.6	45.6	27.8	13.1	40.2
EAST CENTRAL DISTRICT (6)	4.7	11.5	24.1	41.9	55.5	64.8	70.0	68.4	57.7	46.4	27.9	12.7	40.5
Amiaon	12.1	18.8	27.0	41.0	53.0	62.4	69.4	68.4	57.0	46.1	30.0	19.6	42.1
Bowman	12.7	19.1	27.7	41.6	53.6	62.9	69.9	68.4	57.1	46.1	30.0	19.9	42.4
Dickinson Exp. Station	9.3	16.2	25.4	40.5	53.0	62.2	68.6	67.4	55.9	45.0	28.3	17.1	40.7
Hettinger	12.6	19.4	27.8	42.3	54.0	63.5	70.2	68.8	57.2	46.4	30.0	19.5	42.6
Medora	12.0	19.8	28.8	42.9	55.0	64.2	70.6	69.2	57.7	46.2	30.1	19.1	43.0
Mott	10.7	18.1	27.2	41.7	53.8	63.0	69.1	67.6	56.5	45.6	28.8	17.9	41.7
Richardton	10.7	17.9	27.2	42.3	54.8	63.9	70.2	69.0	57.9	46.8	29.8	18.5	42.4
SOUTHWEST DISTRICT (7)	11.2	18.3	27.0	41.6	53.7	63.0	69.6	68.2	56.9	45.8	29.3	18.6	41.9
Bismarck WSO	6.7	14.5	26.0	42.5	54.9	64.3	70.4	68.8	57.3	46.1	28.6	15.4	41.3
Carson	8.1	15.4	25.1	41.0	53.9	63.1	69.7	68.2	56.8	45.5	28.5	16.2	41.0
Fort Yates	10.3	17.4	27.6	43.7	56.4	66.0	72.5	70.8	59.8	48.5	31.4	18.6	43.6
Linton	7.9	15.7	27.3	44.0	56.6	65.9	72.2	70.8	59.3	47.5	29.5	16.0	42.7
Mandan Exp. Station	6.7	13.7	25.0	41.6	54.5	64.0	70.1	68.7	57.2	46.1	28.7	15.4	41.0
New Salem	8.0	15.4	25.5	41.4	54.2	63.5	69.9	68.4	57.3	45.9	28.5	16.2	41.2
SOUTH CENTRAL DISTRICT (8)	8.6	15.6	26.2	42.4	55.0	64.4	70.7	69.2	57.9	46.6	29.3	16.5	41.9
Ashley	7.1	13.8	24.9	41.8	54.2	63.8	69.6	68.2	57.5	46.4	28.6	15.2	40.9
Ellendale	8.2	15.4	27.2	43.8	56.3	65.7	71.4	70.1	59.4	47.8	30.0	16.2	42.6
Forman	6.2	13.6	26.0	43.2	56.2	65.8	71.4	69.8	58.6	47.1	29.6	14.7	41.9
Fullerton	7.2	14.7	26.7	43.6	56.3	65.7	71.3	69.8	58.9	47.5	29.6	15.4	42.2
Hankinson	6.4	12.5	24.5	42.0	55.6	65.5	71.1	69.0	57.8	46.8	29.7	14.9	41.3
Lisbon	7.0	13.8	26.3	43.4	56.1	65.4	70.6	69.0	58.5	47.6	29.8	14.8	41.9
McLeod	6.0	13.1	25.9	43.5	56.7	66.0	71.3	69.6	59.1	47.8	29.4	14.4	41.9
Napoleon	6.1	13.0	24.2	41.6	54.6	64.2	70.2	68.7	57.3	46.0	28.1	14.4	40.7
Wahpeton	6.9	13.7	26.3	44.1	57.6	67.0	72.0	70.1	59.7	48.6	30.5	15.4	42.7
Wishek	4.9	11.4	22.8	40.0	53.0	62.7	68.6	66.8	55.8	44.5	27.0	13.7	39.3
SOUTHEAST DISTRICT (9)	6.6	13.3	25.3	42.5	55.5	65.0	70.7	69.0	58.1	46.8	29.0	14.7	41.4
STATE	5.8	12.9	24.1	41.2	54.3	63.7	69.4	67.8	56.7	45.5	27.7	14.0	40.3

Source:

CROPS

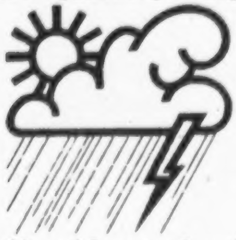


NORTH DAKOTA CROP SUMMARY, 1986

The Season in Review

The 1986 crop season will be remembered as one of "Records and Disappointments". The unusual warm wet growing season proved beneficial for late season crops but highly destructive for small grains. In contrast to the 1985 growing season, yield records were exceeded in the corn, soybean, dry beans, flaxseed and potato crops, while small grain crop yields were normal.

A wet spring season produced some minor planting delays, but all crops were generally planted by mid-June, slightly ahead of the 5-year average pace. Stored soil moisture supplies were excellent throughout the State at this time, carrying the crops until widespread rainfall came later in the season.



The wet weather came in July and finally broke in mid-October. The continuous rainfall, plentiful growing degree days, warm nights and high relative humidity provided an excellent harvest for the late season crops but this "Corn Growing Climate" produced numerous small grain diseases that severely tested varietal resistances and proved disasterous to several wheat varieties, resulting in the high yield potential, being held to normal.

The small grain harvest began shortly after August 1, and due to the inclement weather, continued until the end of October, well behind normal.

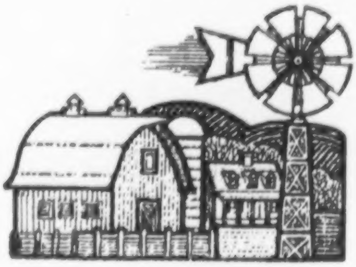
The harvest of all late season crops also got off to a poor start due to wet weather conditions, but just 2 percent of the corn and 6 percent of the sunflower remained unharvested by December 1.

Acreage & Production Summary

Total planted acreage of all estimated crops in 1986 was 21.6 million acres, down 1 percent from 21.9 million the previous year. Total crop output in North Dakota for 1986 declined by less than 1 percent from 1985's record high output.

Average yields per acre were down from 1985 for all small grains except oats, rye and flaxseed. Yields for most late season crops were above 1985 yields.

Abandonment for all small grains was near to slightly above normal due to inclement weather. Row crops showed average to below average abandonment due to the warm, moist growing season.



Index of Crop Production - North Dakota
1977-86 (1967=100)

Year	Grains			Oil Crops	Misc. 1/	Hay	All Crops
	Food	Feed	All				
1977	126	118	123	244	238	78	134
1978	157	133	150	328	261	152	171
1979	139	94	125	586	213	125	164
1980	98	56	86	274	213	54	104
1981	179	131	165	406	308	104	184
1982	178	133	164	497	244	119	188
1983	107	140	117	388	223	108	143
1984	156	173	162	433	247	108	180
1985	177	193	182	351	276	91	189
1986	159	191	169	361	320	131	188

1/ Non-oil sunflower, potatoes, sugarbeets, dry edible beans, alfalfa seed.

NORTH DAKOTA'S PRINCIPAL CROPS: ACREAGE, YIELD, PRODUCTION

DOMESTIC UNITS

Crop	Acreage Planted		Acreage Harvested		Yield per Acre		UNIT	Production	
	1985	1986	1985	1986	1985	1986		1985	1986
	(000)	(000)	(000)	(000)				(000)	(000)
Corn, Grain			560	530	72.0	93.0	Bu.	40,320	49,290
Silage			360	300	5.4	7.5	Tons	1,944	2,250
Forage			40				---		
All	1000	880	960	830			---		
Wheat, Durum	2,750	2,600	2,690	2,500	35.5	31.0	Bu.	95,495	77,500
Spring 1/	5,850	6,500	5,730	6,400	37.0	31.0	Bu.	212,010	198,400
Winter	750	520	450	480	35.0	29.0	Bu.	15,750	13,920
All	9,350	9,620	8,870	9,380	36.4	30.9	Bu.	323,255	289,820
Oats	1,175	1,050	840	700	53.0	55.0	Bu.	44,520	38,500
Barley	3,500	3,600	3,350	3,450	55.0	51.0	Bu.	184,250	175,950
Rye	100	135	80	125	33.0	34.0	Bu.	2,640	4,250
Flaxseed	460	575	445	545	13.5	17.5	Bu.	6,008	9,538
Soybeans	500	475	490	470	26.0	35.5	Bu.	12,740	16,685
Beans, Dry Edible	260	290	237	280	12.7	15.5	Cwt.	3,010	4,340
Sunflower, Oil	1,970	1,240	1,820	1,195	10.8	13.5	Cwt.	19,656	16,133
Non-Oil	220	220	210	212	12.2	13.7	Cwt.	2,562	2,904
All	2,190	1,460	2,030	1,407	10.9	13.5	Cwt.	22,218	19,037
Millet for Grain	100	120	79	96	39.0	35.0	Bu.	3,081	3,360
Mustard	40	30	39	26	800.0	770.0	Lbs.	31,200	20,020
Sugarbeets	144.8	164.8	144.2	163.8	16.8	17.9	Tons	2,423	2,932
Potatoes, Fall	145	128	139	120	170.0	180.0	Cwt.	23,630	21,600
Hay, Alfalfa			1,500	1,550	1.40	2.10	Tons	2,100	3,255
All Other			1,450	1,550	1.15	1.40	Tons	1,668	2,170
All			2,950	3,100	1.28	1.75	Tons	3,768	5,425
Summer Fallow	6,400	6,600							
Total Acres 2/	21,915	21,628	20,653	20,693					

METRIC UNITS

Crop	Hectares Planted		Hectares Harvested		Yield per Hectare Metric Tons		Production Metric Tons	
	1985	1986	1985	1986	1985	1986	1985	1986
Corn, Grain			226,620	214,490	4.52	5.84	1,024,180	1,252,020
Silage			145,690	121,410	12.10	16.81	1,763,570	2,041,170
Forage			16,190					
All	404,690	356,130	388,500	335,900				
Wheat, Durum	1,112,900	1,052,190	1,088,620	1,011,720	2.39	2.08	2,598,950	2,109,200
Spring 1/	2,367,430	2,630,490	2,318,870	2,590,020	2.49	2.08	5,769,970	5,399,560
Winter	303,520	210,440	182,110	194,250	2.35	1.95	428,640	378,840
All	3,783,850	3,893,120	3,589,600	3,795,990	2.45	2.08	8,797,560	7,887,600
Oats	475,510	424,920	339,940	283,280	1.90	1.97	646,210	558,830
Barley	1,416,420	1,456,880	1,355,710	1,396,180	2.96	2.74	4,011,570	3,830,860
Rye	40,470	54,630	32,380	50,590	2.07	2.13	67,060	107,950
Flaxseed	186,160	232,700	180,090	220,560	.85	1.10	152,610	242,280
Soybeans	202,350	192,230	198,300	190,200	1.75	2.39	346,730	454,090
Beans, Dry Edible	105,220	117,360	95,910	113,310	1.42	1.74	136,530	196,860
Sunflower, Oil	797,240	501,820	736,540	483,610	1.21	1.51	891,580	731,780
Non-Oil	89,030	89,030	84,980	85,790	1.37	1.54	116,210	131,720
All	886,270	590,850	821,520	569,400	1.23	1.52	1,007,790	863,500
Millet for Grain	40,470	48,560	31,970	38,850	2.14	1.92	68,480	74,680
Mustard	16,190	12,140	15,780	10,520	.90	.86	14,150	9,080
Sugarbeets	58,600	66,690	58,360	66,290	37.66	40.12	2,198,110	2,659,870
Potatoes, Fall	58,680	51,800	56,250	48,560	19.05	20.18	1,071,830	979,750
Hay, Alfalfa			607,040	627,270	3.14	4.71	1,905,090	2,952,890
All Other			586,800	627,270	2.58	3.14	1,513,180	1,968,590
All			1,193,840	1,254,540	2.86	3.92	3,418,270	4,921,480
Summer Fallow	2,590,020	2,670,950						
Total Hectares 2/	8,868,720	8,752,630	8,358,150	8,374,290			24,724,650	26,084,550

1/ Spring Wheat other than Durum. 2/ Planted acres include harvested for hay.

HISTORIC ESTIMATES, PRINCIPAL CROPS, NORTH DAKOTA, 1977-86

ACREAGE, PRODUCTION AND VALUE

Crop	Year	Acreage		Unit	Production		Marketing Year Avg. Price	Value of Production	Value per Harvested Acre
		Planted	Harvested		Yield Per Acre	Total			
		(000)				(000)	($/Unit)	(000 Dols.)	(Dols.)
Wheat, All	1977	9,960	9,254	Bu.	24.8	229,907	2.47	567,367	61.31
	1978	9,760	9,585	Bu.	29.8	286,065	2.84	813,154	84.84
	1979	9,900	9,600	Bu.	26.3	252,235	3.89	981,194	102.21
	1980	11,735	9,620	Bu.	18.7	179,650	4.52	812,018	84.41
	1981	11,825	11,570	Bu.	28.4	328,260	3.58	1,175,171	101.57
	1982	10,525	10,300	Bu.	31.5	324,835	3.48	1,133,906	110.09
	1983	7,370	7,205	Bu.	26.9	194,130	3.79	733,811	101.85
	1984	8,820	8,660	Bu.	32.8	284,190	3.57	1,014,558	117.15
	1985	9,350	8,870	Bu.	36.4	323,255	3.26	1,053,811	118.81
	1986	9,620	9,380	Bu.	30.9	289,820	2.38	690,000	73.56
Spring Wheat (Other than Durum)	1977	7,200	6,680	Bu.	25.0	167,000	2.40	400,800	60.00
	1978	6,300	6,210	Bu.	29.0	180,090	2.80	504,252	81.20
	1979	6,400	6,230	Bu.	26.5	165,095	3.61	595,993	95.67
	1980	7,200	5,700	Bu.	18.5	105,450	4.11	433,400	76.04
	1981	7,200	7,050	Bu.	28.0	197,400	3.63	716,562	101.64
	1982	6,850	6,750	Bu.	31.0	209,250	3.51	734,468	108.81
	1983	5,100	5,000	Bu.	27.0	135,000	3.70	499,500	99.90
	1984	5,450	5,400	Bu.	34.0	183,600	3.51	644,436	119.34
	1985	5,850	5,730	Bu.	37.0	212,010	3.34	708,113	123.58
	1986	6,500	6,400	Bu.	31.0	198,400	2.40	476,160	74.40
Durum Wheat	1977	2,600	2,470	Bu.	24.5	60,515	2.66	160,970	65.17
	1978	3,300	3,240	Bu.	31.5	102,060	2.93	299,036	92.30
	1979	3,330	3,250	Bu.	26.0	84,500	4.41	372,645	114.66
	1980	4,400	3,850	Bu.	19.0	73,150	5.10	373,065	96.90
	1981	4,500	4,410	Bu.	29.0	127,890	3.49	446,336	101.21
	1982	3,500	3,410	Bu.	32.5	110,825	3.42	379,022	111.15
	1983	2,090	2,050	Bu.	26.5	54,325	3.97	215,670	105.20
	1984	2,750	2,710	Bu.	29.0	78,590	3.70	290,783	107.30
	1985	2,750	2,690	Bu.	35.5	95,495	3.16	301,764	112.18
	1986	2,600	2,500	Bu.	31.0	77,500	2.40	186,000	74.40
Winter Wheat	1977	160	104	Bu.	23.0	2,392	2.34	5,597	53.82
	1978	160	135	Bu.	29.0	3,915	2.52	9,866	73.08
	1979	170	120	Bu.	22.0	2,640	3.32	8,765	73.04
	1980	135	70	Bu.	15.0	1,050	3.66	3,843	54.90
	1981	125	110	Bu.	27.0	2,970	3.41	10,128	92.07
	1982	175	140	Bu.	34.0	4,760	3.31	15,756	112.54
	1983	180	155	Bu.	31.0	4,805	3.45	16,577	106.95
	1984	620	550	Bu.	40.0	22,000	3.16	69,520	126.40
	1985	750	450	Bu.	35.0	15,750	2.80	44,100	98.00
	1986	520	480	Bu.	29.0	13,920	2.00	27,840	58.00
Oats	1977	1,900	1,500	Bu.	40.0	60,000	.94	56,400	37.60
	1978	1,320	1,160	Bu.	54.0	62,640	1.00	62,640	54.00
	1979	1,050	840	Bu.	44.0	36,960	1.17	43,243	51.48
	1980	1,050	450	Bu.	30.0	13,500	1.78	24,030	53.40
	1981	1,200	960	Bu.	46.0	44,160	1.65	72,864	75.90
	1982	1,200	1,050	Bu.	53.0	55,650	1.19	66,224	63.07
	1983	1,500	1,260	Bu.	50.5	63,630	1.37	87,173	69.18
	1984	1,150	980	Bu.	51.0	49,980	1.42	70,972	72.42
	1985	1,175	840	Bu.	53.0	44,520	1.05	46,746	55.65
	1986	1,050	700	Bu.	55.0	38,500	1.20	46,200	66.00
Barley	1977	2,690	2,530	Bu.	39.0	98,670	1.54	151,952	60.06
	1978	2,500	2,450	Bu.	46.0	112,700	1.78	200,606	81.88
	1979	1,700	1,650	Bu.	46.0	75,900	2.10	159,390	96.60
	1980	1,850	1,500	Bu.	32.0	48,000	2.68	128,640	85.76
	1981	2,150	2,100	Bu.	48.0	100,800	2.20	221,760	105.60
	1982	2,000	1,950	Bu.	53.0	103,350	1.76	181,896	93.28
	1983	2,600	2,520	Bu.	45.5	114,660	2.20	252,252	100.10
	1984	2,950	2,900	Bu.	53.0	153,700	1.94	298,178	102.82
	1985	3,500	3,350	Bu.	55.0	184,250	1.60	294,800	88.00
	1986	3,600	3,450	Bu.	51.0	175,950	1.25	219,938	63.75

HISTORIC ESTIMATES CONT.

ACREAGE, PRODUCTION AND VALUE

Crop	Year	Acreage		Unit	Production		Marketing Year Avg. Price	Value of Production	Value per Harvested Acre
		Planted	Harvested		Yield Per Acre	Total			
		(000)				(000)	($/Unit)	(000 Dols.)	(Dols.)
Rye	1977	110	80	Bu.	26.0	2,080	1.80	3,744	46.80
	1978	200	180	Bu.	30.0	5,400	1.69	9,126	50.70
	1979	150	140	Bu.	28.0	3,920	1.70	6,664	47.60
	1980	70	50	Bu.	21.0	1,050	2.64	2,772	55.44
	1981	75	70	Bu.	31.0	2,170	2.77	6,011	85.87
	1982	80	75	Bu.	32.0	2,400	2.00	4,800	64.00
	1983	140	135	Bu.	32.0	4,320	1.79	7,733	57.28
	1984	155	150	Bu.	36.0	5,400	1.76	9,504	63.36
	1985	100	80	Bu.	33.0	2,640	1.82	4,805	60.06
	1986	135	125	Bu.	34.0	4,250	1.00	4,250	34.00
Flaxseed	1977	750	700	Bu.	10.0	7,000	4.64	32,480	46.40
	1978	360	350	Bu.	11.5	4,025	5.84	23,506	67.16
	1979	480	460	Bu.	13.0	5,980	5.76	34,445	74.88
	1980	330	270	Bu.	10.0	2,700	7.18	19,386	71.80
	1981	330	320	Bu.	12.5	4,000	6.57	26,280	82.13
	1982	460	435	Bu.	13.5	5,873	5.14	30,187	69.40
	1983	410	400	Bu.	11.5	4,600	6.83	31,418	78.55
	1984	400	390	Bu.	12.5	4,875	6.07	29,591	75.87
	1985	460	445	Bu.	13.5	6,008	5.00	30,040	67.51
	1986	575	545	Bu.	17.5	9,538	3.55	33,860	62.13
Sugarbeets	1977	157.8	155.2	Tons	17.8	2,769	21.40	59,257	381.81
	1978	156.2	155.2	Tons	19.7	3,054	22.90	69,937	450.63
	1979	145.3	143.1	Tons	16.1	2,304	34.10	78,566	549.03
	1980	147.6	142.7	Tons	14.1	2,017	46.30	93,387	654.43
	1981	145.6	144.9	Tons	18.6	2,695	20.50	55,248	381.28
	1982	145.7	144.8	Tons	17.1	2,476	35.70	88,393	610.45
	1983	143.1	142.2	Tons	16.9	2,404	35.40	85,102	598.47
	1984	139.8	139.1	Tons	16.6	2,309	37.00	85,433	614.18
	1985	144.8	144.2	Tons	16.8	2,423	35.50	86,017	596.51
	1986	164.8	163.8	Tons	17.9	2,932	---	---	---
Potatoes	1977	142	140	Cwt.	160	22,400	2.70	60,480	432.00
	1978	137	135	Cwt.	175	23,625	2.60	61,425	455.00
	1979	121	114	Cwt.	160	18,240	3.25	59,280	520.00
	1980	114	112	Cwt.	140	15,680	6.85	107,408	959.00
	1981	119	115	Cwt.	175	20,125	4.05	81,506	708.75
	1982	122	115	Cwt.	150	17,250	4.35	75,038	652.50
	1983	132	128	Cwt.	160	20,480	4.90	100,352	784.00
	1984	136	133	Cwt.	155	20,615	4.65	95,860	720.75
	1985	145	139	Cwt.	170	23,630	3.20	75,616	544.00
	1986	128	120	Cwt.	180	21,600	4.15	89,640	747.00
All Dry Edible Beans	1977	115	105	Cwt.	10.5	1,103	15.80	17,427	165.97
	1978	118	113	Cwt.	11.0	1,243	13.50	16,781	148.50
	1979	110	105	Cwt.	13.5	1,418	22.50	31,905	303.86
	1980	265	255	Cwt.	10.5	2,678	24.70	66,147	259.40
	1981	430	415	Cwt.	11.0	4,565	19.80	90,387	217.80
	1982	300	240	Cwt.	10.5	2,520	11.30	28,476	118.65
	1983	170	160	Cwt.	10.3	1,648	18.70	30,818	192.61
	1984	205	200	Cwt.	12.6	2,520	16.10	40,572	202.86
	1985	260	237	Cwt.	12.7	3,010	14.40	43,344	182.89
	1986	290	280	Cwt.	15.5	4,340	19.70	85,498	305.35
Soybeans	1977	180	175	Bu.	20.0	3,500	5.83	20,405	116.60
	1978	175	173	Bu.	27.5	4,758	6.75	32,117	185.65
	1979	210	206	Bu.	27.0	5,562	5.80	32,260	156.60
	1980	210	200	Bu.	17.5	3,500	7.04	24,640	123.20
	1981	250	245	Bu.	28.0	6,860	5.70	39,102	159.60
	1982	425	415	Bu.	21.0	8,715	5.42	47,235	113.82
	1983	540	530	Bu.	27.0	14,310	7.37	105,465	198.99
	1984	750	740	Bu.	23.0	17,020	5.59	95,142	128.57
	1985	500	490	Bu.	26.0	12,740	4.79	61,025	124.54
	1986	475	470	Bu.	35.5	16,685	4.40	73,414	156.20

HISTORIC ESTIMATES CONT.
ACREAGE, PRODUCTION AND VALUE

Crop	Year	Acreage		Unit	Production		Marketing Year Avg. Price	Value of Production	Value per Harvested Acre
		Planted	Harvested		Yield Per Acre	Total			
		(000)				(000)	($/Unit)	(000 Dols.)	(Dols.)
Corn, For Grain*	1977	620	260	Bu.	73.0	18,980	1.97	37,391	143.81
	1978	600	300	Bu.	79.0	23,700	2.06	48,822	162.74
	1979	590	313	Bu.	76.0	23,788	2.16	51,382	164.16
	1980	700	290	Bu.	58.0	16,820	2.93	49,283	169.94
	1981	900	513	Bu.	81.0	41,553	2.20	91,417	178.20
	1982	890	520	Bu.	68.0	35,360	2.48	87,693	168.64
	1983	720	435	Bu.	67.0	29,145	3.03	88,309	203.01
	1984	970	630	Bu.	66.0	41,580	2.57	106,861	169.62
	1985	1,000	560	Bu.	72.0	40,320	2.17	87,494	156.24
	1986	880	530	Bu.	93.0	49,290	1.35	66,542	125.55
Corn, For Silage *	1977	620	309	Tons	5.1	1,576	---	---	---
	1978	600	274	Tons	6.7	1,836	---	---	---
	1979	590	252	Tons	6.7	1,688	---	---	---
	1980	700	326	Tons	4.3	1,402	---	---	---
	1981	900	366	Tons	7.3	2,672	---	---	---
	1982	890	348	Tons	6.2	2,158	---	---	---
	1983	720	262	Tons	6.3	1,651	---	---	---
	1984	970	323	Tons	5.8	1,873	---	---	---
	1985	1,000	360	Tons	5.4	1,944	---	---	---
	1986	880	300	Tons	7.5	2,250	---	---	---
							(Cwt)		
Sunflower, All	1977	1,360	1,320	Lbs.	1255	1,658,250	10.60	174,882	132.49
	1978	1,920	1,910	Lbs.	1333	2,545,080	10.40	265,816	139.17
	1979	3,460	3,378	Lbs.	1357	4,584,600	8.89	407,650	120.68
	1980	2,400	2,235	Lbs.	976	2,181,050	11.00	239,683	107.24
	1981	2,650	2,628	Lbs.	1202	3,158,160	10.70	339,117	129.04
	1982	3,400	3,348	Lbs.	1106	3,703,600	8.84	327,246	97.74
	1983	2,375	2,344	Lbs.	1044	2,446,400	13.00	317,715	135.54
	1984	2,850	2,817	Lbs.	976	2,749,850	11.30	311,370	110.53
	1985	2,190	2,030	Lbs.	1094	2,221,800	8.01	177,957	87.66
	1986	1,460	1,407	Lbs.	1353	1,903,690	7.09	134,938	95.90
Sunflower, Non-oil	1977	170	165	Lbs.	1160	191,400	10.90	20,863	126.44
	1978	180	179	Lbs.	1260	225,540	10.90	24,584	137.34
	1979	160	158	Lbs.	1300	205,400	11.70	24,032	152.10
	1980	200	185	Lbs.	930	172,050	13.20	22,711	122.76
	1981	230	228	Lbs.	1220	278,160	13.20	36,717	161.04
	1982	210	208	Lbs.	1200	249,600	12.10	30,202	145.20
	1983	145	144	Lbs.	1100	158,400	12.80	20,275	140.80
	1984	220	217	Lbs.	1050	227,850	14.90	33,950	156.45
	1985	220	210	Lbs.	1220	256,200	13.30	34,075	162.26
	1986	220	212	Lbs.	1370	290,440	9.80	28,463	134.26
Sunflower, Oil	1977	1,190	1,155	Lbs.	1270	1,466,850	10.50	154,019	133.35
	1978	1,740	1,731	Lbs.	1340	2,319,540	10.40	241,232	139.36
	1979	3,300	3,220	Lbs.	1360	4,379,200	8.76	383,618	119.14
	1980	2,200	2,050	Lbs.	980	2,009,000	10.80	216,972	105.84
	1981	2,420	2,400	Lbs.	1200	2,880,000	10.50	302,400	126.00
	1982	3,190	3,140	Lbs.	1100	3,454,000	8.60	297,044	94.60
	1983	2,230	2,200	Lbs.	1040	2,288,000	13.00	297,440	135.20
	1984	2,630	2,600	Lbs.	970	2,522,000	11.00	277,420	106.70
	1985	1,970	1,820	Lbs.	1080	1,965,600	7.32	143,882	79.06
	1986	1,240	1,195	Lbs.	1350	1,613,250	6.60	106,475	89.10
Millet	1977	210	166	Bu.	30.0	4,980	---	---	---
	1978	85	70	Bu.	28.5	1,995	---	---	---
	1979	80	65	Bu.	32.0	2,080	---	---	---
	1980	160	50	Bu.	28.0	1,400	---	---	---
	1981	130	85	Bu.	33.0	2,805	---	---	---
	1982	75	55	Bu.	24.0	1,320	---	---	---
	1983	75	60	Bu.	29.0	1,740	---	---	---
	1984	95	82	Bu.	28.0	2,296	---	---	---
	1985	100	79	Bu.	39.0	3,081	---	---	---
	1986	120	96	Bu.	35.0	3,360	---	---	---

* Planted Acreage is Corn for All Purposes.

HISTORIC ESTIMATES CONT.

ACREAGE, PRODUCTION AND VALUE

Crop	Year	Acreage		Unit	Production		Marketing Year Avg. Price	Value of Production	Value per Harvested Acre
		Planted	Harvested		Yield Per Acre	Total			
		(000)				(000)	($/Unit)	(000 Dols.)	(Dols.)
Mustard	1979	45	43	Lbs.	700	30,100	---	---	---
	1980	50	41	Lbs.	650	26,650	---	---	---
	1981	70	69	Lbs.	920	63,480	---	---	---
	1982	26	25	Lbs.	900	22,500	---	---	---
	1983	33	31	Lbs.	650	20,150	---	---	---
	1984	30	29	Lbs.	830	24,070	---	---	---
	1985	40	39	Lbs.	800	31,200	---	---	---
	1986	30	26	Lbs.	770	20,020	---	---	---
Hay, All	1977	---	3,930	Tons	1.03	3,229	44.00	142,076	45.25
	1978	---	3,430	Tons	1.83	6,285	36.00	226,260	65.97
	1979	---	3,200	Tons	1.62	5,178	37.50	194,175	60.68
	1980	---	2,500	Tons	.90	2,245	75.00	168,375	67.35
	1981	---	2,900	Tons	1.49	4,315	58.00	250,270	86.30
	1982	---	2,800	Tons	1.75	4,913	41.50	203,890	72.82
	1983	---	2,900	Tons	1.54	4,478	39.00	175,642	60.22
	1984	---	2,900	Tons	1.54	4,468	43.00	192,124	66.25
	1985	---	2,950	Tons	1.28	3,768	51.50	194,052	65.78
	1986	---	3,100	Tons	1.75	5,425	37.50	203,438	65.63
Hay, Alfalfa	1977	---	1,600	Tons	1.20	1,920	---	---	---
	1978	---	1,900	Tons	2.10	3,990	---	---	---
	1979	---	1,850	Tons	1.85	3,423	---	---	---
	1980	---	1,200	Tons	.95	1,140	---	---	---
	1981	---	1,600	Tons	1.60	2,560	---	---	---
	1982	---	1,550	Tons	2.00	3,100	---	---	---
	1983	---	1,550	Tons	1.80	2,790	---	---	---
	1984	---	1,550	Tons	1.75	2,713	---	---	---
	1985	---	1,500	Tons	1.40	2,100	---	---	---
	1986	---	1,550	Tons	2.10	3,255	---	---	---
Hay, Other	1977	---	1,540	Tons	.85	1,309	---	---	---
	1978	---	1,530	Tons	1.50	2,295	---	---	---
	1979	---	1,350	Tons	1.30	1,755	---	---	---
	1980	---	1,300	Tons	.85	1,105	---	---	---
	1981	---	1,300	Tons	1.35	1,755	---	---	---
	1982	---	1,250	Tons	1.45	1,813	---	---	---
	1983	---	1,350	Tons	1.25	1,688	---	---	---
	1984	---	1,350	Tons	1.36	1,755	---	---	---
	1985	---	1,450	Tons	1.15	1,668	---	---	---
	1986	---	1,550	Tons	1.40	2,170	---	---	---
Summerfallow *	1977	6,380	---	---	---	---	---	---	---
	1978	6,550	---	---	---	---	---	---	---
	1979	6,500	---	---	---	---	---	---	---
	1980	6,450	---	---	---	---	---	---	---
	1981	5,200	---	---	---	---	---	---	---
	1982	5,300	---	---	---	---	---	---	---
	1983	6,900	---	---	---	---	---	---	---
	1984	6,000	---	---	---	---	---	---	---
	1985	6,400	---	---	---	---	---	---	---
	1986	6,600	---	---	---	---	---	---	---
Principal Crops Total **	1977	21,249	19,865	---	---	---	---	1,323,861	68.38
	1978	20,716	20,304	---	---	---	---	1,830,190	91.78
	1979	21,181	20,524	---	---	---	---	2,080,154	103.24
	1980	21,497	18,081	---	---	---	---	1,735,769	98.49
	1981	23,155	22,515	---	---	---	---	2,449,133	111.42
	1982	22,409	21,833	---	---	---	---	2,274,984	106.34
	1983	19,078	18,523	---	---	---	---	2,014,790	110.95
	1984	21,476	21,086	---	---	---	---	2,350,165	113.87
	1985	21,595	20,653	---	---	---	---	2,155,707	107.06
	1986	21,578	20,693	---	---	---	---	1,647,718	81.95

* Acres Summerfallowed.

**Includes acres harvested for hay.

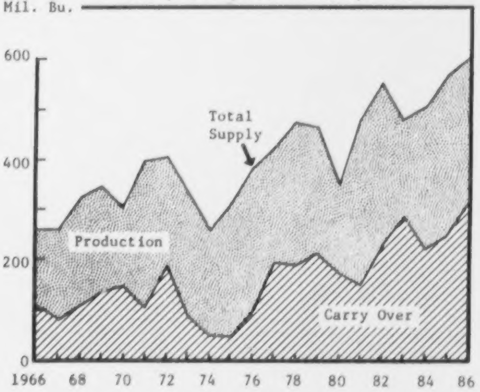
GRAIN STOCKS

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1977-86*

Year Beginning Oct. 1	On Farm				Off Farm				TOTAL			
	Oct. 1	Jan. 1	April 1	June 1	Oct. 1	Jan. 1	April 1	June 1	Oct. 1	Jan. 1	April 1	June 1
	- - - - - - - - - - - Thousand Bushels - - - - - - - - - - -											
ALL WHEAT												
1977	298,879	240,000	209,215	156,337	58,339	47,578	41,199	32,804	357,218	293,578	250,414	189,141
1978	314,672	271,762	243,155	180,221	64,186	47,076	43,565	32,042	378,858	318,838	286,720	212,263
1979	317,816	242,146	194,221	138,729	62,839	43,409	41,600	35,500	380,655	285,555	235,821	174,229
1980	213,784	179,650	154,499	116,773	59,000	53,500	43,000	34,626	272,784	233,150	197,499	151,399
1981	334,825	275,738	249,478	196,956	64,300	49,205	42,000	32,241	399,125	324,943	291,478	229,197
1982	432,031	354,070	298,848	237,130	69,500	56,000	51,500	51,000	501,531	410,070	350,348	288,130
1983	267,899	242,663	215,484	174,717	73,000	62,000	57,500	48,792	340,899	304,663	272,984	223,509
1984	329,660	255,771	215,984	193,249	79,500	67,000	61,500	54,000	409,160	322,771	277,484	247,249
1985	381,441	323,255	268,302	235,976	85,000	80,000	86,000	76,500	466,441	403,255	354,302	312,476
1986	350,000	315,000	240,000		110,200	109,500	102,500		460,200	424,500	342,500	
DURUM WHEAT												
1977	89,562	70,197	51,438	40,545	16,280	13,231	10,209	7,490	105,842	83,428	61,647	48,035
1978	100,019	83,689	71,442	60,215	15,141	11,055	11,468	8,211	115,160	94,744	82,910	68,426
1979	103,090	74,360	54,925	42,250	16,725	10,428	11,240	6,101	119,815	84,788	66,165	48,351
1980	71,687	59,983	49,742	37,307	15,973	15,600	11,050	7,599	87,660	75,583	60,792	44,906
1981	118,938	98,475	88,244	75,455	19,000	13,000	10,500	7,529	137,938	111,475	98,744	82,984
1982	148,506	130,774	108,609	93,093	21,500	18,000	16,000	16,000	170,006	148,774	124,609	109,093
1983	95,069	82,574	73,339	60,844	24,500	22,500	18,890	16,400	119,569	105,074	92,229	77,244
1984	109,240	82,520	71,517	61,300	25,000	21,000	18,500	16,600	134,240	103,520	90,017	77,900
1985	114,594	103,135	82,126	72,576	25,200	24,000	26,200	23,450	139,794	127,135	108,326	96,026
1986	112,000	86,000	64,000		28,500	35,100	32,500		140,500	121,100	96,500	
BARLEY 1/												
1977	84,856	75,976	54,269	42,428	11,082	10,265	11,288	6,917	95,938	86,241	65,557	49,345
1978	118,335	96,922	76,636	61,985	12,392	13,720	14,700	12,017	130,727	110,642	91,336	74,002
1979	106,260	88,803	68,310	52,371	16,539	11,569	12,400	9,167	122,799	100,372	80,710	61,538
1980	72,000	51,840	38,880	28,800	12,880	12,500	10,200	8,437	84,880	64,340	49,080	37,237
1981	87,696	66,528	50,400	40,320	11,000	8,621	8,215	6,298	98,696	75,149	58,615	46,618
1982	112,652	98,183	70,278	57,876	14,500	11,000	10,000	9,000	127,152	109,183	80,278	66,876
1983	105,487	79,115	67,649	55,037	15,300	13,900	11,230	9,505	120,787	93,015	78,879	64,542
1984	144,478	106,053	89,146	73,776	17,300	15,200	13,800	10,900	161,778	121,253	102,946	84,676
1985	189,778	147,400	NA	93,968	29,900	25,600	NA	24,750	219,678	173,000	NA	118,718
1986	NA	NA	NA		NA	NA	NA		NA	NA	NA	
OATS 1/												
1977	66,000	53,400	40,200	30,600	4,488	3,381	3,294	2,943	70,488	56,781	43,494	33,543
1978	68,904	62,640	46,980	35,078	5,259	4,380	4,039	3,345	74,163	67,020	51,019	38,423
1979	59,136	49,896	37,330	26,611	3,965	3,081	2,010	1,551	63,101	52,977	39,340	28,162
1980	33,750	26,325	15,390	11,475	1,610	1,400	1,500	1,076	35,360	27,725	16,890	12,551
1981	45,043	35,328	22,522	17,222	2,200	1,800	1,300	1,185	47,243	37,128	23,822	18,407
1982	58,433	48,972	33,390	25,043	2,900	2,100	1,750	1,200	61,333	51,072	35,140	26,243
1983	60,449	41,996	36,905	26,725	3,300	1,600	1,130	1,032	63,749	43,596	38,035	27,757
1984	54,978	34,486	29,988	20,492	2,550	1,800	1,670	1,060	57,528	36,286	31,658	21,552
1985	48,972	35,616	NA	15,582	2,350	1,600	NA	1,050	51,322	37,216	NA	16,632
1986	NA	NA	NA		NA	NA	NA		NA	NA	NA	

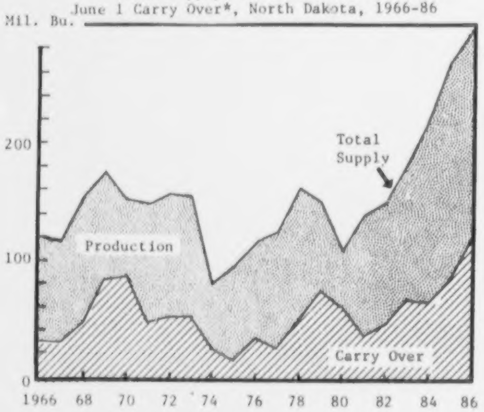
NA - Not available. 1/ See footnote on following page.

ALL WHEAT
Total Supply, Production and
June 1 Carry Over*, North Dakota, 1966-86



* July 1 prior to 1975.

BARLEY
Total Supply, Production and
June 1 Carry Over*, North Dakota, 1966-86



* July 1 prior to 1985

GRAIN STOCKS CONT.

STOCKS BY POSITIONS, QUARTERLY, NORTH DAKOTA, 1977-86*

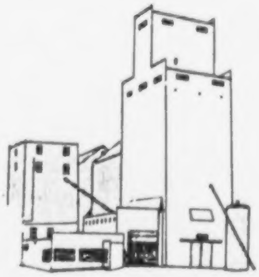
Year Beginning Oct. 1	On Farm Oct. 1	On Farm Jan. 1	On Farm April 1	On Farm June 1	Off Farm Oct. 1	Off Farm Jan. 1	Off Farm April 1	Off Farm June 1	TOTAL Oct. 1	TOTAL Jan. 1	TOTAL April 1	TOTAL June 1
					Thousand Bushels							
RYE 1/												
1981	1,215	651	434	304	240	180	143	67	1,455	831	577	371
1982	1,536	1,320	1,152	1,080	460	320	300	250	1,996	1,640	1,452	1,330
1983				1,728				560				2,288
1984				3,348				1,600				4,948
1985				2,165				2,700				4,865
FLAXSEED 1/												
1981	2,840	2,040	1,320	800	900	400	260	233	3,740	2,440	1,580	1,033
1982	3,171	2,290	1,644	1,410	780	1,550	1,200	1,000	3,951	3,840	2,844	2,410
1983				276				781				1,057
1984				488				790				1,278
1985				601				250				851

Year	On Farm Jan. 1	On Farm April 1	On Farm June 1	On Farm Oct. 1	Off Farm Jan. 1	Off Farm April 1	Off Farm June 1	Off Farm Oct. 1	TOTAL Jan. 1	TOTAL April 1	TOTAL June 1	TOTAL Oct. 1 2/
CORN												
1977	15,184	11,008	7,592	5,314	1,321	1,121	898	733	16,505	12,129	8,490	6,047
1978	21,330	13,746	11,850	9,006	1,755	1,807	1,172	960	23,085	15,553	13,022	9,966
1979	19,744	14,273	11,894	9,515	2,058	890	986	863	21,802	15,163	12,880	10,378
1980	13,961	8,074	6,728	3,364	2,500	1,857	1,157	420	16,461	9,931	7,885	3,784
1981	29,087	26,178	24,101	22,854	3,767	2,974	2,364	1,950	32,854	29,152	26,465	24,804
1982	38,896	37,128	35,360	17,680	5,350	4,650	4,571	9,200	44,246	41,778	39,931	26,880
1983	20,402	18,944	16,030	8,452	8,900	6,245	4,260	3,200	29,302	25,189	20,290	11,652
1984	28,274	22,869	19,543	14,553	4,500	3,900	2,800	2,600	32,774	26,769	22,343	17,153
1985	39,110	34,675	27,418	25,000	5,800	5,400	5,350	6,300	44,910	40,075	32,768	31,300
1986	49,000	39,000			15,199	11,500			64,199	50,500		
SOYBEANS												
1977	2,205	1,295	875	350	791	543	395	171	2,996	1,838	1,270	521
1978	2,760	2,284	1,332	428	954	662	503	375	3,714	2,946	1,835	803
1979	3,671	3,059	2,392	278	1,351	920	723	414	5,022	3,979	3,115	692
1980	1,750	1,400	700	245	912	640	450	330	2,662	2,040	1,150	575
1981	3,499	2,950	1,784	755	1,700	1,200	360	330	5,199	4,150	2,144	1,085
1982	5,316	2,963	2,615	523	1,800	850	752	360	7,116	3,813	3,367	883
1983	4,293	3,864	1,717	286	2,500	1,821	1,031	635	6,793	5,685	2,748	921
1984	6,638	5,276	3,915	1,362	2,900	1,800	1,450	1,500	9,538	7,076	5,365	2,862
1985	8,408	NA	NA	NA	3,500	2,900	1,890	1,850	11,908	NA	NA	NA
1986	NA	NA			5,300	3,900			NA	NA		
					Million Pounds							
SUNFLOWER 2/												
1983	530.9	289.6	48.3	7.3	760.0	380.0	225.4	46.3	1,290.9	669.6	273.7	53.6
1984	770.0	522.5	275.0	55.0	500.0	348.5	199.5	41.5	1,270.0	871.0	474.5	96.5
1985	1,244.2	NA	NA	240.0	350.0	NA	NA	113.2	1,594.2	NA	NA	353.2

NA - Not Available. * Beginning September 1, 1986 the NASS changed quarterly reference dates from October 1 to September 1; January 1 to December 1; April 1 to March 1; and June 1 will remain as is. Soybean reference date is also September 1 historically. 1/ Estimates made on June 1 only for Barley and Oats starting 1985 crop; for Rye and Flaxseed starting 1983 crop. 2/ Estimates made on September 1 only for 1985 Sunflower crop, starting September 1, 1986.

HAY

Crop of	Production	Stocks Jan. 1	Stocks May 1
	Thousand Ton		
1977	3,229	2,809	452
1978	6,285	5,091	1,697
1979	5,178	4,816	1,398
1980	2,245	2,357	427
1981	4,315	3,409	734
1982	4,913	4,225	1,621
1983	4,478	3,672	1,164
1984	4,468	3,887	983
1985	3,768	2,675	641
1986	5,425	5,208	1,465



FARM AND COMMERCIAL GRAIN
Storage Capacity, North Dakota, 1978-86

Year	On Farm 1/	Off Farm	Total
		Thousand Bushel	
1978*		140,069	
1979*		143,426	
1980*		146,240	
1981*		154,810	
1982*		155,112	
1983		173,530	
1984		182,800	
1985		186,150	
1986	919,677	197,200	1,116,877
1986 2/	901,459	228,630	1,130,089

* Excludes sunflower facilities. 1/ Survey summary indication. 2/ December 1, 1986.

POTATOES

NUMBER OF HILLS, HARVEST LOSSES AND SEED

Number of hills per acre and harvest loss are from the annual potato objective yield survey conducted in North Dakota. These data are presented here for information but are not considered official estimates. Objective yield sample plots were located in potato fields that were selected on a random basis. Field enumerators recorded counts and measurements just prior to and immediately after harvest.

The seed potato acres listed were eligible for final certification based on history, field inspections and certain other preliminary requirements of the North Dakota State Seed Department.

Certified Seed Potatoes
North Dakota, 1978-86

Year	Acres Eligible
1978	34,454
1979	25,301
1980	22,557
1981	25,380
1982	27,263
1983	29,183
1984	30,343
1985	32,984
1986	29,048

Source: N.D. State Seed Dept.

POTATOES: Number of Hills and Harvest Loss per Acre, North Dakota, 1982-1986 1/

Year	REDS			WHITES			RUSSETS			ALL TYPES
	Number of Samples	Average Hills per Acre	Harvest Loss	Number of Samples	Average Hills per Acre	Harvest Loss	Number of Samples	Average Hills per Acre	Harvest Loss	Harvest Loss per Acre
	(No.)	(No.)	(Cwt)	(No.)	(No.)	(Cwt)	(No.)	(No.)	(Cwt)	(Cwt)
1982	34	9,431	38	101	9,384	35	31	10,563	25	33
1983	47	10,793	18	112	10,078	22	17	9,868	32	22
1984	36	10,499	28	92	10,024	29	8	10,102	27	30
1985	24	10,137	15	79	10,250	30	10	9,516	33	31
1986	23	9,647	22	90	9,966	34	25	9,605	27	31

1/ Harvest loss pertains to potatoes left in field at time of harvest.

POTATOES: Production, Disposition, Price and Value, North Dakota, 1981-85

Crop of	Production	Total Used for Seed 1/	Used on Farms Where Grown		Sold 2/	Price per Hundred-weight	Value of	
			For Seed, Feed and Household Used	Shrinkage and Loss			Production	Sales
	- - - - - - - - - - Thousand Hundredweight				- - - - - - - - - -	(Dols.)	(Thousand Dols.)	
1981	20,125	1,784	405	2,610	17,110	4.05	81,506	69,296
1982	17,250	1,914	360	1,725	15,165	4.35	75,038	65,968
1983	20,480	1,972	300	2,058	18,122	4.90	100,352	88,798
1984	20,615	2,175	310	3,710	16,595	4.65	95,860	77,167
1985 3/	23,630	1,984	340	4,725	18,565	3.20	75,616	59,408

1/ Includes seed purchased and seed used on farms where grown. 2/ Consists of potatoes sold for all purposes Includes food, seed, processing and livestock feed. 3/ Preliminary.

POTATOES: Acreage, Yield, Production and Stocks, North Dakota, 1982-86

Crop Year	Harvested Acres	Yield per Acre	Production	Stocks on Hand					
				Dec. 1	Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	(000)	(Cwt)	(000 Cwt)	- - - - - - - - Thousand Hundredweight - - - - - - - -					
				REDS					
1982	27.2	145	3,940	3,484	2,760	2,256	2,002	1,274	483
1983	28.5	154	4,383	3,150	2,790	2,060	1,640	1,300	625
1984	26.0	153	3,978	3,366	2,580	1,750	1,100	730	430
1985	28.5	160	4,560	3,500	2,720	2,100	NA	NA	NA
1986 1/	25.9	165	4,275	3,050	2,850	2,150	NA	NA	NA
				WHITES					
1982	72.1	154	11,120	7,839	6,843	5,170	3,850	2,254	861
1983	84.1	164	13,823	9,600	7,750	6,280	4,445	2,590	1,560
1984	91.5	155	14,188	9,716	8,130	6,850	5,540	3,020	1,130
1985	84.0	165	13,900	10,600	8,960	6,950	NA	NA	NA
1986 1/	73.0	181	13,210	9,150	7,550	6,000	NA	NA	NA
				RUSSETS					
1982	15.8	139	2,190	2,077	1,897	1,974	1,848	1,372	756
1983	15.4	148	2,274	2,250	2,160	1,960	1,715	910	215
1984	15.5	158	2,449	2,218	2,190	2,100	1,760	1,350	940
1985	26.5	195	5,170	4,700	4,320	4,150	NA	NA	NA
1986 1/	21.1	195	4,115	3,300	3,100	2,950	NA	NA	NA
				TOTAL					
1982	115.0	150	17,250	13,400	11,500	9,400	7,700	4,900	2,100
1983	128.0	160	20,480	15,000	12,700	10,300	7,800	4,800	2,400
1984	133.0	155	20,615	15,300	12,900	10,700	8,400	5,100	2,500
1985	139.0	170	23,630	18,800	16,000	13,200	10,700	7,800	3,800
1986 1/	120.0	180	21,600	15,500	13,500	11,100	8,900	5,900	3,000

1/ Preliminary. NA - Not available.

WHEAT VARIETIES

HARD RED SPRING WHEAT

Stoa was the most popular hard red spring wheat planted in North Dakota with 28 percent of the 6.5 million acres seeded in 1986. Len, the 1982 leader, remained in second place with 18 percent but dropped 3 percentage points since 1984.

Marshall, the top choice in 1984, dropped to third place with 14 percent, followed by Alex, with 6 percent, and Pioneer Variety 2369 with 5.5 percent.

Marshall had the highest State average yield per harvested acre, among the top five varieties, with 36.1 bushels. Pioneer Variety 2369 was second with 32.9 bushels followed closely by Stoa at 32.5 bushels. Alex and Len followed at 28.8 and 27.3, respectively. Among all varieties Norseman was the overall top yielder, averaging 40.5 bushels per acre.

Percent of Acreage Planted by Varieties,
North Dakota, 1979-86

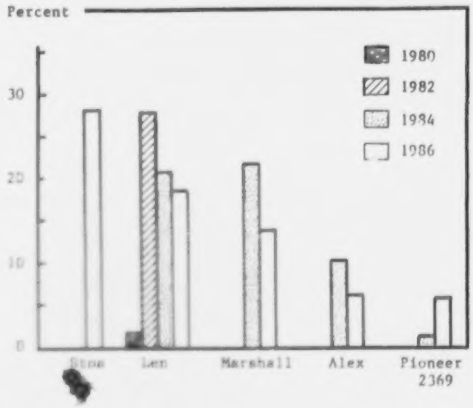
Variety	1979	1980	1982	1984	1986
			- - - Percent - - -		
Stoa	-	-	-	-	28.1
Len	-	1.7	27.6	20.6	18.4
Marshall	-	-	1/	21.5	13.5
Alex	-	-	1/	10.0	6.0
Pioneer 2369	-	-	-	1.1	5.5
Waldron	22.7	18.5	10.3	6.7	4.9
Wheaton	-	-	-	1/	4.0
Coteau	1/	5.9	11.9	6.8	3.6
Butte	23.2	22.1	15.5	8.4	2.8
Olaf	29.2	26.9	14.7	8.0	2.0
Leo 747	-	-	-	-	2.0
Oslo	-	-	1/	5.4	1.1
WestB 906R	-	-	-	1/	.9
Other	24.9	24.9	20.0	11.5	7.2
Total	100.0	100.0	100.0	100.0	100.0

1/ Less than 1.0% included in Other & Unknown.

Acreage, Yield and Production by Varieties,
North Dakota, 1986

Variety	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(000 Acres)		(Bushels)		(000 Bu.)
Stoa	1,828.2	1,809.3	32.2	32.5	58,788.2
Len	1,196.2	1,167.4	26.6	27.3	31,826.3
Marshall	874.4	864.7	35.7	36.1	31,235.0
Alex	391.6	385.3	28.3	28.8	11,086.5
Pioneer 2369	359.4	355.6	32.6	32.9	11,709.1
Waldron	321.0	318.9	24.8	24.9	7,945.9
Wheaton	260.8	259.5	37.6	37.8	9,814.0
Coteau	236.2	233.2	26.3	26.6	6,209.4
Butte	184.7	182.6	27.8	28.1	5,131.9
Olaf	131.5	124.9	24.4	25.7	3,211.4
Leo 747	127.5	123.6	27.7	28.6	3,534.7
Oslo	73.5	73.2	33.8	33.9	2,483.8
Other & Unknown	515.5	502.2	29.9	30.7	15,423.4
All Varieties	6,500.0	6,400.0	30.5	31.0	198,400.0

HARD RED SPRING WHEAT
Top Five Varieties Planted, North Dakota 1980-86



Percent of Acreage Planted and Estimated Yield Per Acre Harvested,
by Varieties, and Crop Reporting Districts, North Dakota, 1986

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South Cent.	South-east	State
					- - - - - PERCENT PLANTED - - - - -					
Stoa	26.4	36.6	29.7	18.7	33.7	36.4	21.8	18.7	25.9	28.1
Len	12.7	13.1	6.7	19.5	21.8	12.4	29.3	25.0	31.7	18.4
Marshall	5.9	2.9	34.5	2.6	9.2	22.5	5.0	6.7	7.8	13.5
Alex	12.2	10.3	0.7	11.9	5.9	1.2	13.1	7.1	1.5	6.0
Pioneer 2369	3.5	9.0	3.8	4.8	6.8	8.0	2.8	3.2	8.3	5.5
Waldron	12.0	6.0	-	15.3	4.1	0.4	8.1	5.1	2.5	4.9
Wheaton	1.5	1.5	10.2	1.0	1.5	7.9	2.1	1.0	2.4	4.0
Coteau	3.5	7.6	1.0	7.7	3.1	0.1	6.0	6.7	3.1	3.6
Butte	6.3	3.6	3.1	3.8	4.0	2.3	0.7	1.6	0.7	2.8
Olaf	1.8	0.7	0.6	1.6	2.4	0.6	3.0	7.0	1.9	2.0
Leo 747	1.4	1.1	-	7.5	0.3	-	1.1	9.0	1.7	2.0
Oslo	1.7	0.1	2.7	-	0.6	0.9	0.3	0.7	1.4	1.1
Other & Unknown	11.1	7.5	7.0	5.6	6.6	7.3	6.7	8.2	11.1	8.1
					- - - - - BUSHELS - - - - -					
Stoa	39.7	31.7	34.8	34.8	31.0	32.4	30.4	27.2	28.2	32.5
Len	34.6	28.2	32.0	31.6	28.5	28.9	27.3	23.3	22.1	27.3
Marshall	36.5	28.1	39.9	33.7	31.2	36.7	27.3	28.5	26.0	36.1
Alex	32.9	27.0	38.7	32.6	29.8	40.6	23.9	23.2	21.4	28.8
Pioneer 2369	32.8	34.4	36.4	34.0	33.1	35.0	34.4	26.7	28.3	32.9
Waldron	30.7	21.7	-	25.8	23.1	15.2	21.7	21.5	21.1	24.9
Wheaton	47.2	32.3	43.1	40.6	28.8	34.1	31.0	23.7	29.0	37.8
Coteau	35.3	28.2	32.5	27.8	23.3	27.6	24.2	23.3	24.1	26.6
Butte	36.3	25.7	26.3	19.7	25.8	27.4	27.3	21.0	37.8	28.1
Olaf	31.6	23.5	37.8	27.2	24.1	37.9	23.4	22.7	23.2	25.7
Leo 747	29.3	24.5	-	35.3	29.0	-	27.1	24.9	26.1	28.6
Oslo	39.0	35.0	39.5	-	21.4	34.1	27.0	19.1	25.0	33.9
All Varieties	35.5	29.5	37.5	31.0	29.5	33.5	27.0	24.5	25.0	31.0

WHEAT VARIETIES CONT.

DURUM WHEAT

Vic remained the top choice of durum producers with 42 percent of the 2.6 million acres seeded in 1986. Lloyd was second with 20 percent, and Ward, at 14 percent, dropped from second to third place.

Rugby and Crosby ranked fourth and fifth with 11 and 4 percent of the acreage, respectively. In 1984, Rugby was third and Crosby was fourth.

Among the top four varieties, Vic was the top yeilding variety averaging 31.7 bushels per harvested acre. Ward was second with 31.3 bushels. Rugby was third and Lloyd was fourth with 29.8 and 29.1 bushels per harvested acre, respectively. The State average yield per acre for all varieties was 31.0 bushels.

Percent of Acreage Planted
by Variety, North Dakota, 1979-86

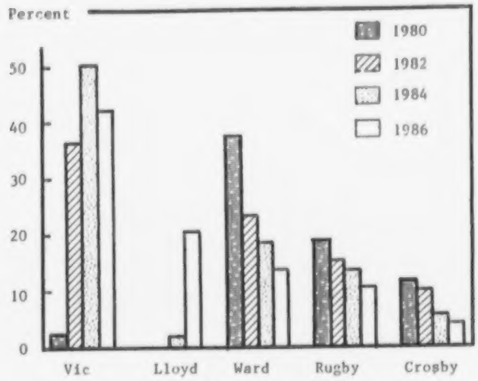
Variety	1979	1980	1982	1984	1986
	- - - - Percent - - - - -				
Vic	1/	2.3	36.6	50.4	42.2
Lloyd	-	-	-	1.8	20.4
Ward	39.4	37.7	23.2	18.3	13.6
Rugby	17.3	18.7	15.1	13.3	10.6
Crosby	9.9	11.8	10.1	5.7	3.9
Cando	11.6	11.2	6.0	3.9	3.2
Medora	-	-	-	-	2.3
Monroe	-	-	-	-	1.7
Rolette	6.5	6.2	2.3	2.0	.5
Wells	2.6	2.8	1.2	1/	.3
Wakoona	-	-	1/	1/	.3
Other & Unknown	12.7	9.3	5.5	4.6	1.1
Total	100.0	100.0	100.0	100.0	100.0

1/ Less than 1.0% included in Other & Unknown.

Acreage, Yield and Production
by Varieties, North Dakota, 1986

Variety	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(000 Acres)		(Bushels)		(000 Bu.)
Vic	1,096.8	1,064.4	30.8	31.7	33,761.0
Lloyd	530.1	496.0	27.2	29.1	14,413.6
Ward	354.2	342.1	30.2	31.3	10,695.6
Rugby	275.1	267.6	29.0	29.8	7,980.6
Crosby	100.8	99.1	31.4	32.0	3,169.4
Cando	82.5	77.1	33.8	36.2	2,791.6
Medora	59.8	58.7	30.5	31.1	1,826.1
Monroe	43.2	39.7	27.5	29.9	1,186.5
Other & Unknown	57.2	55.2	29.3	30.4	1,675.4
All Varieties	2,600.0	2,500.0	29.8	31.0	77,500.0

DURUM WHEAT
Top Five Varieties Planted, North Dakota 1980-86



Percent of Acreage Planted and Estimated Yield Per Acre Harvested,
by Varieties, and Crop Reporting Districts, North Dakota, 1986

Variety	North-west	North Cent.	North-east	West Cent.	Cen-tral	East Cent.	South-west	South Cent.	South-east	State
				- - - - - PERCENT PLANTED - - - - -						
Vic	55.0	39.1	13.5	66.7	42.0	42.1	46.0	58.2	79.4	42.2
Lloyd	15.6	24.5	27.5	17.4	7.4	19.9	35.2	23.8	4.1	20.4
Ward	10.1	16.7	19.5	3.0	19.9	1.9	17.9	8.7	4.2	13.6
Rugby	0.6	15.9	24.9	-	15.1	-	-	-	-	10.6
Crosby	10.6	0.3	0.9	5.0	-	-	-	-	3.6	3.9
Cando	0.8	0.3	9.5	-	-	26.7	-	-	-	3.2
Medora	3.3	0.5	1.1	2.9	11.2	-	-	-	-	2.3
Monroe	0.7	2.2	1.2	0.2	2.3	9.4	-	-	8.1	1.7
Other & Unknown	3.3	0.5	1.9	4.8	2.1	-	0.9	9.3	0.6	2.1
				- - - - - BUSHELS - - - - -						
Vic	34.7	31.1	30.2	31.5	29.1	28.5	30.4	21.5	24.7	31.7
Lloyd	37.2	31.5	18.2	38.6	28.8	25.2	33.6	29.0	27.5	29.1
Ward	35.7	28.9	31.7	33.5	27.8	27.0	30.6	18.8	27.5	31.3
Rugby	26.5	30.3	29.6	-	29.9	-	-	-	-	29.8
Crosby	33.4	27.5	32.1	27.2	-	-	-	-	17.5	32.0
Cando	40.7	32.8	36.1	-	-	35.0	-	-	-	36.2
Medora	31.5	34.8	32.1	40.2	26.5	-	-	-	-	31.1
Monroe	39.9	22.4	35.4	36.6	28.8	30.6	-	-	30.4	29.9
All Varieties	35.0	30.5	27.9	32.5	28.5	29.5	31.5	23.5	25.0	31.0

WHEAT VARIETIES CONT.

WINTER WHEAT

Roughrider the top winter wheat variety in North Dakota since 1979, had 57 percent of the 520,000 acres seeded in the Fall of 1985. Norstar, with 23 percent of winter wheat acreage, remained in second place and Agassiz was third with 11 percent.

Bighorn was the top yielding variety in 1986, averaging 36.4 bushels per acre. Rose and Agassiz were second and third with 33.9 and 31.1 bushels, respectively. Roughrider and Hawk tied for fourth with 29.6 bushels.

Percent of Acreage Planted, 1979-86
Acreage, Yield and Production by Varieties, North Dakota, 1986

Variety	1979	1980	1982	1984	1986	1986 Acres Planted	1986 Acres Harvested	1986 Yield/Acre Pltd.	1986 Yield/Acre Harv.	Production
	- - -Percent- - - -					(000 Acres)		(Bushels)		(000 Bu.)
Roughrider	49.6	59.3	74.8	77.5	57.3	298.1	273.8	27.2	29.6	8,112.5
Norstar	-	2.2	11.5	17.6	23.0	119.9	112.3	23.3	24.8	2,789.2
Agassiz	-	-	-	1/	10.8	56.0	52.8	29.3	31.1	1,640.9
Rose	-	-	-	1/	3.2	16.9	16.3	32.7	33.9	552.9
Bighorn	-	-	-	-	2.5	12.8	11.3	32.1	36.4	411.0
Hawk	-	-	-	-	0.3	1.6	1.6	29.6	29.6	47.4
Other & Unk.	50.4	38.5	13.7	4.9	2.9	15.2	12.1	24.1	30.3	366.2
Total	100.0	100.0	100.0	100.0	100.0	520.0	480.0	26.8	29.0	13,920.0

1/ Less than 1.0% (less than 0.4% in 1986) included in other.

BARLEY VARIETIES

Percent of Acreage Planted by Varieties, 1982-86

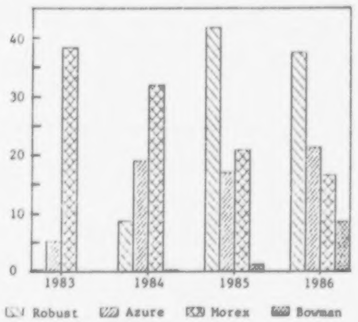
Variety	1982	1983	1984	1985	1986 Pct.	1986 Acres Planted
	- - - - - - Percent				- - - - - -	-000-
*Robust	--	1/	8.6	41.7	37.4	1,385.6
*Azure	1/	5.1	18.9	16.9	21.1	779.2
*Morex	38.7	38.3	31.9	20.8	16.4	606.4
Bowman	--	--	1/	1.2	8.4	309.9
Hazen	--	--	1/	4.9	6.8	252.0
Hector	2.7	4.3	6.5	6.7	4.2	155.7
*Glenn	33.7	36.5	18.4	3.1	1.5	57.2
Bumper	3.8	3.0	3.6	1.2	.7	25.2
*Larker	8.8	3.8	2.2	1.5	.7	24.7
Other & Unknown	12.3	9.0	9.9	2.0	2.8	104.1
All Varieties	100.0	100.0	100.0	100.0	100.0	3,700.0

1/ Less than 0.5 percent included in other and unknown.
*Recommended as acceptable malting varieties by the American Malting Barley Assoc., Inc.

In 1986, Robust was the most popular barley variety among North Dakota producers for the second year in a row. Its popularity declined slightly as it was planted on 37.4 percent of the barley acreage compared to 41.7 percent last year. Azure was second with 21.1 percent of the planted acreage and Morex accounted for 16.4 percent of the planted acreage.

Bowman the leading feed type, was fourth with 8.4 percent of the acreage. Hazen, another feed variety, was planted on 6.8 percent.

LEADING BARLEY VARIETIES
Percent Acreage Planted, ND, 1983-86



Percent of Acreage Planted by Crop Reporting Districts, North Dakota, 1986

Variety	Northwest	North Cent.	Northeast	West Cent.	Central	East Cent.	Southwest	South Cent.	Southeast	State
			- - - - Percent - - - -							
Robust	15.1	50.1	58.0	11.6	21.5	45.4	3.8	6.3	48.0	37.4
Azure	5.9	12.5	20.2	12.6	47.2	38.7	8.8	18.0	19.1	21.1
Morex	39.3	29.2	6.3	17.5	9.8	9.8	3.4	11.8	22.2	16.4
Bowman	12.9	0.0	0.0	27.1	2.0	0.0	60.5	25.3	1.2	8.4
Hazen	7.7	6.0	10.7	2.9	12.1	4.1	1.6	3.9	3.2	6.8
Hector	15.6	0.0	0.0	15.4	0.0	0.0	12.4	15.6	0.0	4.2
Glenn	.5	.5	.8	1.8	3.5	.6	.7	7.4	3.1	1.5
Bumper	1.2	0.0	1.1	.4	1.2	.3	.1	0.0	.9	.7
Larker	.5	.9	0.0	1.8	.6	0.0	.7	2.9	1.5	.7
Other & Unknown	1.3	0.8	2.9	8.9	2.1	1.1	8.0	8.8	.8	2.8

ALL WHEAT: Acreage, Yield and Production by County, North Dakota, 5-Year Average, 1981-85 and 1985 (Revised)

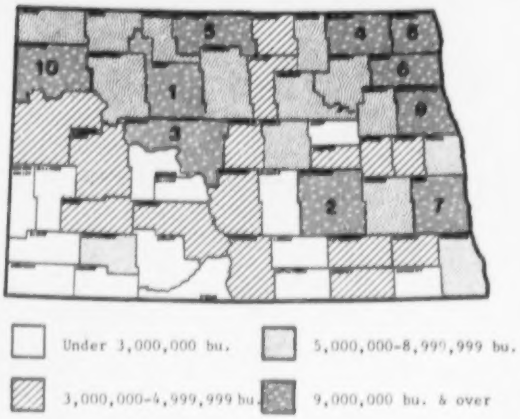
District and County	5-Year Average, 1981-85 1/					1985				
	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	168,300	163,600	24.1	24.8	4,052,100	156,000	144,500	24.3	26.2	3,786,800
Divide	206,200	200,800	20.9	21.3	4,464,000	181,000	164,500	10.9	12.0	1,969,500
Mountrail	236,800	227,100	26.1	27.3	6,228,400	213,500	203,500	30.1	31.6	6,425,300
Renville	185,300	183,100	33.0	33.4	6,093,500	175,000	170,000	42.4	43.6	7,414,500
Ward	368,600	363,100	32.5	33.0	11,980,600	361,500	348,500	40.9	42.5	14,797,900
Williams	315,900	305,700	21.2	21.9	6,931,400	283,000	262,000	13.3	14.3	3,753,000
Northwest	1,481,000	1,443,400	26.6	27.4	39,749,900	1,370,000	1,293,000	27.8	29.5	38,147,000
Benson	228,900	226,100	30.3	30.7	6,980,700	219,000	215,500	33.0	33.5	7,219,500
Bottineau	314,400	302,800	30.6	32.0	9,615,300	315,000	276,300	37.5	42.7	11,810,100
McHenry	189,000	186,000	29.3	29.9	5,593,000	184,000	177,000	35.7	37.1	6,569,000
Pierce	155,200	153,200	27.8	28.1	4,356,100	154,000	149,400	30.4	31.3	4,675,400
Rolette	119,400	117,600	30.8	31.2	3,702,600	113,000	110,800	36.7	37.4	4,144,000
North Central	1,006,900	985,700	29.9	30.6	30,247,600	985,000	929,000	34.9	37.0	34,418,000
Cavalier	336,700	333,900	37.6	37.9	12,629,300	330,000	325,800	49.7	50.4	16,410,800
Grand Forks	239,900	236,500	42.8	43.4	10,234,300	229,000	223,500	50.1	51.3	11,464,200
Nelson	199,400	196,700	35.8	36.3	7,184,800	191,000	185,600	39.1	40.2	7,462,400
Pembina	243,200	241,600	43.0	43.2	10,387,900	233,500	233,100	53.7	53.8	12,540,000
Ramsey	256,800	253,400	32.7	33.1	8,403,800	241,500	239,700	40.5	40.8	9,781,000
Towner	235,200	229,300	31.7	32.5	7,516,800	225,000	217,000	39.2	40.7	8,827,000
Walsh	277,600	271,100	40.8	41.8	11,253,800	268,000	253,300	49.3	52.2	13,210,600
Northeast	1,788,700	1,762,700	37.8	38.4	67,610,700	1,718,000	1,678,000	46.4	47.5	79,696,000
Dunn	121,900	115,500	22.4	23.6	2,715,900	115,000	104,300	25.0	27.5	2,871,500
McKenzie	157,600	150,200	22.5	23.5	3,568,900	148,000	130,400	16.8	19.0	2,483,600
McLean	322,800	311,800	28.9	30.0	9,356,500	314,000	305,900	37.1	38.1	11,649,900
Mercer	83,600	81,500	28.5	29.3	2,405,800	82,000	80,400	38.6	39.3	3,162,000
Oliver	49,900	49,500	28.2	28.4	1,407,600	51,000	50,000	34.7	35.4	1,769,000
West Central	735,800	708,500	26.4	27.5	19,454,600	710,000	671,000	30.9	32.7	21,936,000
Eddy	84,100	82,900	28.2	28.6	2,376,500	85,000	82,500	29.8	30.7	2,532,500
Foster	122,600	119,000	32.1	33.1	3,960,500	121,000	113,000	33.4	35.7	4,038,000
Kidder	99,500	98,600	23.6	23.8	2,367,600	102,000	101,500	23.0	23.1	2,348,500
Sheridan	125,500	121,200	27.4	28.4	3,458,800	122,000	113,800	32.6	35.0	3,978,800
Stutsman	360,300	350,600	30.1	31.0	10,951,100	370,000	347,500	30.2	32.2	11,177,900
Wells	225,900	221,400	31.1	31.7	7,038,500	220,000	210,700	33.7	35.2	7,417,300
Central	1,017,800	993,800	29.4	30.2	30,153,100	1,020,000	969,000	30.9	32.5	31,493,000
Barnes	290,400	280,800	32.8	34.0	9,591,900	300,000	267,000	32.2	36.1	9,645,400
Cass	321,200	313,000	41.2	42.4	13,157,800	308,000	290,200	52.1	55.3	16,054,600
Griggs	117,900	115,200	34.1	35.0	4,048,800	117,000	109,000	39.4	42.2	4,605,000
Steele	143,000	139,600	38.3	39.3	5,510,900	140,000	131,300	41.9	44.7	5,869,500
Traill	155,400	153,700	43.9	44.3	6,813,500	148,000	144,500	54.3	55.6	8,038,500
East Central	1,027,900	1,002,300	38.0	39.0	39,122,900	1,013,000	942,000	43.6	46.9	44,213,000
Adams	124,900	118,400	23.0	24.0	2,760,700	120,000	115,000	24.0	25.1	2,881,000
Billings	35,800	31,300	16.3	18.1	571,500	34,500	23,000	9.0	13.5	310,000
Bowman	112,300	102,400	19.3	21.0	2,123,300	105,000	95,700	17.3	19.0	1,821,700
Golden Valley	81,200	72,800	18.3	20.3	1,483,700	81,500	67,000	13.3	16.1	1,080,300
Hettinger	218,100	209,600	26.7	27.7	5,736,000	223,000	210,500	29.9	31.6	6,661,100
Slope	96,900	93,000	24.8	25.9	2,406,000	90,000	85,600	24.0	25.3	2,163,800
Stark	171,500	162,900	22.9	24.1	3,853,400	168,000	150,200	24.3	27.2	4,079,100
Southwest	840,700	790,300	22.9	24.3	18,934,500	822,000	747,000	23.1	25.4	18,997,000
Burleigh	156,100	152,300	24.1	24.7	3,773,900	158,000	157,000	28.2	28.3	4,448,100
Emmons	191,400	188,400	23.0	23.3	4,399,800	185,000	182,200	24.3	24.7	4,493,900
Grant	117,600	112,500	24.4	25.5	2,839,600	114,000	111,100	28.1	28.8	3,205,200
Morton	139,300	130,000	23.7	25.5	3,322,000	136,000	130,700	28.1	29.2	3,822,000
Sioux	43,500	38,500	19.3	22.2	836,600	44,000	37,000	21.6	25.7	951,800
South Central	647,800	621,800	23.4	24.4	15,171,900	637,000	618,000	26.6	27.4	16,921,000
Dickey	137,700	134,200	26.1	26.8	3,599,800	159,000	155,000	32.6	33.5	5,188,300
LaMoure	195,900	190,700	28.8	29.7	5,622,000	196,000	178,400	30.3	33.3	5,937,400
Logan	113,500	112,600	25.2	25.4	2,865,100	112,000	110,400	27.6	28.0	3,086,000
McIntosh	139,900	138,700	22.5	22.7	3,136,500	137,000	133,700	21.7	22.3	2,978,500
Ransom	112,000	108,200	31.0	32.3	3,449,500	114,000	99,000	34.8	40.1	3,966,500
Richland	200,500	199,000	38.2	38.5	7,657,400	209,000	206,000	50.0	50.7	10,441,000
Sargent	132,000	129,100	31.2	32.0	4,158,600	148,000	140,500	39.4	41.5	5,836,300
Southeast	1,031,400	1,012,500	29.6	30.2	30,488,700	1,075,000	1,023,000	34.8	36.6	37,434,000
STATE	9,578,000	9,321,000	30.4	31.2	290,934,000	9,350,000	8,870,000	34.6	36.4	323,255,000

1/ Totals may not add due to rounding

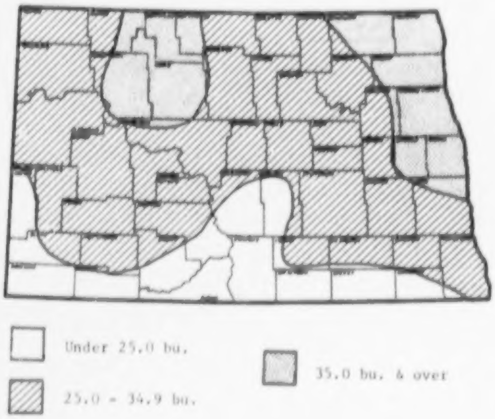
ALL WHEAT: Acreage, Yield and Production by County, North Dakota, 1986 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	164,000	161,200	33.0	33.6	5,415,700
Divide	203,000	199,800	33.0	33.5	6,693,600
Mountrail	235,000	232,500	36.6	37.0	8,601,300
Renville	182,500	181,900	37.1	37.3	6,776,000
Ward	372,500	371,400	36.9	37.0	13,732,000
Williams	303,000	298,200	30.7	31.1	9,288,400
Northwest	1,460,000	1,445,000	34.6	35.0	50,507,000
Benson	218,000	212,900	27.0	27.7	5,890,300
Bottineau	332,000	326,500	33.6	34.2	11,151,000
McHenry	187,000	182,800	27.7	28.3	5,178,200
Pierce	157,000	154,800	24.9	25.3	3,909,500
Rolette	136,000	132,000	30.9	31.8	4,196,000
North Central	1,030,000	1,009,000	29.4	30.1	30,325,000
Cavalier	330,500	322,500	34.4	35.2	11,355,000
Grand Forks	240,500	240,200	39.0	39.1	9,389,000
Nelson	207,000	204,600	30.3	30.6	6,262,400
Pembina	242,000	242,000	39.0	39.0	9,444,000
Ramsey	277,000	264,800	28.4	29.7	7,858,600
Towner	234,000	221,000	24.4	25.9	5,713,000
Walsh	274,000	272,900	38.4	38.6	10,523,000
Northeast	1,805,000	1,768,000	33.5	34.2	60,545,000
Dunn	112,000	107,000	27.7	29.0	3,101,000
McKenzie	151,500	143,500	27.3	28.8	4,128,400
McLean	350,000	347,100	33.0	33.3	11,557,000
Mercer	83,500	83,500	31.5	31.5	2,627,000
Oliver	48,000	46,900	29.1	29.8	1,395,600
West Central	745,000	728,000	30.6	31.3	22,809,000
Eddy	89,500	88,000	27.8	28.2	2,485,000
Foster	130,000	126,800	30.6	31.4	3,976,500
Kidder	100,000	98,800	21.0	21.3	2,104,000
Sheridan	122,000	120,000	27.2	27.7	3,321,500
Stutsman	394,500	383,400	29.7	30.5	11,707,000
Wells	224,000	221,000	30.3	30.8	6,796,000
Central	1,060,000	1,038,000	28.7	29.3	30,390,000
Barnes	287,000	282,500	31.2	31.7	8,960,000
Cass	315,000	307,400	33.0	33.8	10,388,600
Griggs	112,500	111,500	29.1	29.4	3,274,000
Steele	123,500	122,900	35.7	35.9	4,412,000
Traill	147,000	146,700	36.4	36.5	5,350,400
East Central	985,000	971,000	32.9	33.4	32,385,000
Adams	122,000	114,300	22.7	24.3	2,773,000
Billings	36,500	35,400	24.9	25.6	907,800
Bowman	102,500	98,800	23.0	23.9	2,361,500
Golden Valley	69,000	65,700	22.8	23.9	1,571,000
Hettinger	242,500	238,000	30.5	31.0	7,387,200
Slope	94,500	92,500	25.7	26.2	2,427,500
Stark	158,000	151,300	27.3	28.5	4,310,000
Southwest	825,000	796,000	26.3	27.3	21,738,000
Burleigh	166,000	159,200	23.9	24.9	3,965,500
Emmons	184,400	179,000	20.8	21.4	3,828,000
Grant	114,400	106,400	23.2	24.9	2,651,000
Morton	136,900	123,600	27.5	30.5	3,770,000
Sioux	48,300	41,800	17.3	20.0	836,500
South Central	650,000	610,000	23.2	24.7	15,051,000
Dickey	182,000	173,500	21.9	22.9	3,978,000
LaMoure	189,000	178,700	24.1	25.5	4,550,000
Logan	103,200	100,100	25.2	26.0	2,602,000
McIntosh	136,500	130,400	21.0	22.0	2,863,000
Ransom	115,800	110,500	27.4	28.7	3,176,000
Richland	206,500	202,700	28.7	29.2	5,918,000
Sargent	127,000	119,100	23.5	25.0	2,983,000
Southeast	1,060,000	1,015,000	24.6	25.7	26,070,000
STATE	9,620,000	9,380,000	30.1	30.9	289,820,000

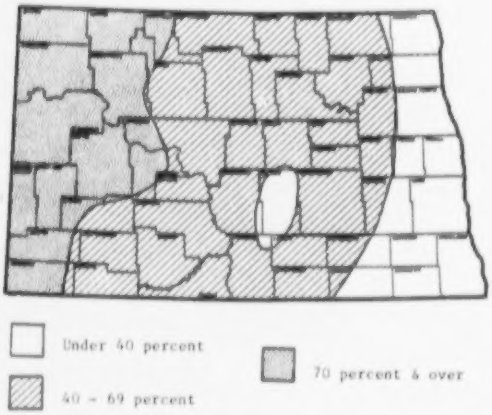
ALL WHEAT, 1986 - Production by County,
(Rank of First Ten Counties Shown)



ALL WHEAT, 1986 - Yield per Harvested Acre
(Bushels)



ALL WHEAT, 1986
Percent Planted on Summer Fallow



ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by County, North Dakota, 1985 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	136,100	130,000	25.2	26.4	3,427,300	19,900	14,500	18.1	24.8	359,500
Divide	169,100	154,200	10.6	11.6	1,785,900	10,300	8,700	8.0	9.5	82,900
Mountrail	168,500	161,500	29.5	30.8	4,975,500	45,000	42,000	32.2	34.5	1,449,800
Renville	124,500	122,200	43.4	44.2	5,399,300	50,500	47,800	39.9	42.2	2,015,200
Ward	198,700	193,200	43.1	44.3	8,562,000	162,600	155,100	38.3	40.1	6,226,900
Williams	262,200	243,700	12.8	13.8	3,353,800	17,500	15,000	12.3	14.4	215,700
Northwest	1,059,100	1,004,800	26.0	27.4	27,503,800	305,800	283,100	33.8	36.6	10,350,000
Benson	120,500	118,200	35.7	36.4	4,303,800	97,700	96,500	29.5	29.8	2,879,200
Bottineau	217,700	184,600	36.9	43.5	8,036,600	97,300	91,700	38.8	41.2	3,773,500
McHenry	112,100	107,800	36.6	38.0	4,099,300	71,700	69,000	34.3	35.6	2,459,700
Pierce	83,500	81,300	32.8	33.7	2,738,900	70,500	68,100	27.5	28.4	1,936,500
Rolette	63,700	61,700	37.4	38.6	2,380,900	49,300	49,100	35.8	35.9	1,763,100
North Central	597,500	553,600	36.1	38.9	21,559,500	386,500	374,400	33.1	34.2	12,812,000
Cavalier	180,200	178,100	51.1	51.7	9,203,100	149,800	147,700	48.1	48.8	7,207,700
Grand Forks	86,900	81,700	46.9	49.9	4,074,200	141,800	141,500	52.0	52.1	7,372,000
Nelson	93,400	89,400	41.1	43.0	3,843,400	97,400	96,000	37.0	37.6	3,606,000
Pembina	63,200	63,100	54.5	54.6	3,442,600	170,300	170,000	53.4	53.5	9,097,400
Ramsey	123,700	122,700	43.3	43.6	5,352,000	117,800	117,000	37.6	37.9	4,429,000
Towner	91,400	87,700	41.1	42.8	3,752,300	133,600	129,300	38.0	39.2	5,074,700
Walsh	103,200	95,300	47.5	51.4	4,899,600	164,700	157,900	50.4	52.6	8,304,500
Northeast	742,000	718,000	46.6	48.1	34,567,200	975,400	959,400	46.2	47.0	45,091,300
Dunn	73,100	69,800	29.2	30.6	2,137,900	41,900	34,500	17.5	21.3	733,600
McKenzie	118,300	104,900	15.1	17.0	1,788,200	24,500	20,300	13.3	16.1	326,200
McLean	219,500	214,300	38.4	39.3	8,427,300	92,700	89,800	33.9	34.9	3,138,000
Mercer	68,300	67,700	40.3	40.6	2,749,100	13,500	12,500	30.0	32.4	404,900
Oliver	31,900	31,400	36.3	36.9	1,159,300	19,000	18,500	31.7	32.6	602,700
West Central	511,100	488,100	31.8	33.3	16,261,800	191,600	175,600	27.2	29.6	5,205,400
Eddy	41,000	38,500	30.8	32.8	1,263,200	44,000	44,000	28.8	28.8	1,269,300
Foster	57,000	50,500	35.3	39.8	2,010,000	63,800	62,300	31.7	32.4	2,020,000
Kidder	36,600	36,400	26.9	27.0	983,000	64,100	63,800	20.4	20.5	1,307,000
Sheridan	74,700	69,900	34.0	36.3	2,540,200	47,300	43,900	30.4	32.8	1,438,600
Stutsman	174,900	161,200	33.9	36.8	5,933,900	195,100	186,300	26.9	28.1	5,244,000
Wells	123,900	119,200	36.6	38.1	4,537,500	96,100	91,500	30.0	31.5	2,879,800
Central	508,100	475,700	34.0	36.3	17,267,800	510,400	491,800	27.7	28.8	14,158,700
Barnes	108,700	93,800	35.2	40.8	3,824,900	191,200	173,100	30.4	33.6	5,815,200
Cass	68,600	59,300	46.0	53.3	3,158,500	237,700	229,200	53.8	55.8	12,794,900
Griggs	62,500	57,700	41.3	44.8	2,582,900	54,100	50,900	37.0	39.4	2,004,100
Steele	53,300	46,500	41.6	47.7	2,218,000	86,400	84,500	42.1	43.0	3,636,500
Traill	42,100	40,600	53.3	55.3	2,243,600	105,700	103,700	54.7	55.8	5,782,900
East Central	335,200	297,900	41.8	47.1	14,027,900	675,100	641,400	44.5	46.8	30,033,600
Adams	93,700	89,600	25.7	26.9	2,412,200	26,300	25,400	17.8	18.5	468,800
Billings	24,700	17,900	10.8	14.9	266,600	9,800	5,100	4.4	8.5	43,400
Bowman	88,100	81,100	18.7	20.3	1,643,900	16,900	14,600	10.5	12.2	177,800
Golden Valley	62,400	52,500	14.1	16.8	880,600	19,100	14,500	10.5	13.8	199,700
Hettinger	156,100	147,400	31.8	33.7	4,963,700	66,900	63,100	25.4	26.9	1,697,400
Slope	69,300	66,100	26.2	27.4	1,813,100	20,700	19,500	16.9	18.0	350,700
Stark	115,100	102,300	25.8	29.0	2,970,500	52,900	47,900	21.0	23.1	1,108,600
Southwest	609,400	556,900	24.5	26.8	14,950,600	212,600	190,100	19.0	21.3	4,046,400
Burleigh	73,100	72,700	31.4	31.6	2,297,600	84,900	84,300	25.3	25.5	2,150,500
Emmons	82,500	81,600	27.6	27.9	2,278,000	101,900	100,000	21.5	21.9	2,185,900
Grant	70,800	68,200	30.8	32.0	2,180,900	43,100	42,800	23.7	23.8	1,019,800
Morton	81,600	80,400	32.2	32.7	2,626,100	54,300	50,200	21.9	23.7	1,191,400
Sioux	25,400	24,100	27.3	28.8	694,600	18,600	12,900	13.8	19.9	257,200
South Central	333,400	327,000	30.2	30.8	10,077,200	302,800	290,200	22.5	23.4	6,804,800
Dickey	46,200	45,200	37.9	38.8	1,753,000	112,100	109,100	30.4	31.2	3,403,100
LaMoure	100,800	89,400	32.4	36.6	3,270,500	94,500	88,300	27.9	29.9	2,636,900
Logan	62,300	61,700	31.3	31.6	1,948,300	49,600	48,600	22.8	23.3	1,133,200
McIntosh	66,300	64,100	25.3	26.2	1,677,800	70,700	69,600	18.4	18.7	1,300,700
Ransom	48,300	38,000	33.5	42.6	1,617,200	65,500	60,800	35.7	38.5	2,341,300
Richland	35,000	33,700	51.2	53.2	1,793,100	174,000	172,300	49.7	50.2	8,647,900
Sargent	30,800	29,300	44.5	46.8	1,371,600	116,900	110,900	38.1	40.1	4,449,700
Southeast	389,700	361,400	34.5	37.2	13,431,500	683,300	659,600	35.0	36.3	23,912,800
STATE	5,085,500	4,783,400	33.4	35.5	169,647,300	4.243,500	4,065,600	35.9	37.5	152,415,000

1/ See page 66 for irrigated acres.

ALL WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by County, North Dakota, 1986 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	140,700	138,800	33.0	33.5	4,647,100	23,300	22,400	33.0	34.3	768,600
Divide	187,400	184,500	33.2	33.7	6,215,100	13,900	13,700	27.6	28.0	384,100
Mountrail	177,400	175,600	37.0	37.4	6,571,800	57,600	56,900	35.2	35.7	2,029,500
Renville	135,000	134,600	38.4	38.5	5,187,200	47,500	47,300	33.4	33.6	1,588,800
Ward	200,600	200,600	39.0	39.0	7,818,400	171,400	170,300	34.4	34.6	5,890,600
Williams	271,400	268,800	31.1	31.4	8,444,800	27,500	25,300	22.5	24.4	618,400
Northwest	1,112,500	1,102,900	35.0	35.3	38,884,400	341,200	335,900	33.1	33.6	11,280,000
Benson	113,800	111,100	28.8	29.5	3,273,500	102,500	100,100	24.9	25.5	2,554,900
Bottineau	190,000	186,400	34.4	35.1	6,540,000	142,000	140,100	32.5	32.9	4,611,000
McHenry	96,700	95,000	29.3	29.8	2,829,600	90,000	87,500	25.9	26.7	2,332,400
Pierce	85,100	84,300	26.8	27.1	2,284,500	71,900	70,500	22.6	23.0	1,625,000
Rolette	63,900	62,000	32.1	33.1	2,051,700	72,100	70,000	29.7	30.6	2,144,300
North Central	549,500	538,800	30.9	31.5	16,979,300	478,500	468,200	27.7	28.3	13,267,600
Cavalier	160,000	154,900	35.6	36.8	5,702,000	170,500	167,600	33.2	33.7	5,653,000
Grand Forks	87,700	87,500	37.2	37.3	3,262,300	151,800	151,700	40.0	40.0	6,073,700
Nelson	95,600	94,600	31.2	31.5	2,980,300	111,400	110,000	29.5	29.8	3,282,100
Pembina	68,700	68,700	39.7	39.7	2,730,300	173,300	173,300	38.7	38.7	6,713,700
Ramsey	146,400	140,100	30.2	31.6	4,427,600	130,400	124,500	26.3	27.5	3,423,000
Towner	111,600	106,500	26.6	27.8	2,964,300	122,400	114,500	22.5	24.0	2,748,700
Walsh	84,700	84,400	38.3	38.5	3,247,100	189,200	188,400	38.4	38.6	7,271,400
Northeast	754,700	736,700	33.5	34.4	25,313,900	1,049,000	1,030,000	33.5	34.1	35,165,600
Dunn	78,200	75,800	29.9	30.9	2,340,600	33,800	31,200	22.5	24.4	760,400
McKenzie	127,700	121,600	26.6	27.9	3,396,700	18,300	16,500	20.2	22.4	369,900
McLean	199,500	197,300	34.3	34.7	6,850,400	148,200	147,500	31.1	31.2	4,609,300
Mercer	65,600	65,600	32.6	32.6	2,138,200	17,800	17,800	27.2	27.2	484,800
Oliver	28,700	27,900	32.6	33.5	934,300	19,000	18,700	23.6	24.0	448,400
West Central	499,700	488,200	31.3	32.1	15,660,200	237,100	231,700	28.1	28.8	6,672,800
Eddy	40,900	40,000	30.4	31.1	1,244,500	48,100	47,500	25.4	25.7	1,220,500
Foster	58,600	56,600	31.8	33.0	1,865,700	70,700	69,500	29.5	30.0	2,083,300
Kidder	33,900	33,600	24.1	24.4	818,300	64,100	63,200	18.5	18.8	1,188,700
Sheridan	72,200	71,100	28.3	28.8	2,044,800	49,800	48,900	25.6	26.1	1,276,700
Stutsman	161,900	157,600	32.5	33.4	5,265,100	232,400	225,600	27.7	28.5	6,433,700
Wells	105,900	104,900	33.1	33.4	3,505,300	118,100	116,100	27.9	28.3	3,290,700
Central	473,400	463,800	31.1	31.8	14,743,700	583,200	570,800	26.6	27.1	15,493,600
Barnes	97,500	96,300	32.8	33.2	3,194,800	188,800	185,500	30.4	30.9	5,740,700
Cass	69,100	67,400	31.3	32.1	2,166,200	243,600	237,700	33.4	34.2	8,134,200
Griggs	57,100	56,500	30.8	31.1	1,759,400	54,900	54,500	27.2	27.4	1,494,600
Steele	47,400	47,000	37.5	37.8	1,776,800	75,600	75,400	34.6	34.6	2,612,200
Traill	39,300	39,000	37.4	37.7	1,469,300	107,600	107,600	36.0	36.0	3,876,100
East Central	310,400	306,200	33.4	33.9	10,366,500	670,500	660,700	32.6	33.1	21,857,800
Adams	78,100	74,400	23.9	25.1	1,866,700	43,900	39,900	20.6	22.7	906,300
Billings	29,100	28,400	26.2	26.8	761,100	7,400	7,000	19.8	21.0	146,700
Bowman	81,700	78,600	23.2	24.1	1,896,600	20,800	20,200	22.4	23.0	464,900
Golden Valley	61,300	58,500	22.9	24.0	1,403,000	7,700	7,200	21.8	23.3	168,000
Hettinger	164,100	161,800	30.4	30.8	4,983,500	78,400	76,200	30.7	31.5	2,403,700
Slope	69,300	68,300	26.7	27.1	1,852,800	25,200	24,200	22.8	23.7	574,700
Stark	100,700	97,400	29.1	30.1	2,933,800	57,300	53,900	24.0	25.5	1,376,200
Southwest	584,300	567,400	26.9	27.7	15,697,500	240,700	228,600	25.1	26.4	6,040,500
Burleigh	72,600	71,000	27.6	28.3	2,005,800	93,300	88,100	20.9	22.2	1,953,700
Emmons	72,800	69,400	23.4	24.5	1,703,000	110,600	108,600	18.7	19.1	2,071,000
Grant	69,200	67,900	24.8	25.2	1,714,000	45,100	38,400	20.7	24.3	932,500
Morton	80,000	75,500	30.9	32.8	2,473,000	56,900	48,100	22.8	27.0	1,297,000
Sioux	27,500	22,900	17.3	20.8	476,400	20,600	18,700	17.1	18.8	352,100
South Central	322,100	306,700	26.0	27.3	8,372,200	326,500	301,900	20.2	21.9	6,606,300
Dickey	22,000	20,700	26.4	28.1	581,400	159,000	151,800	21.2	22.2	3,367,600
LaMoure	92,600	87,400	25.5	27.0	2,363,000	95,600	90,500	22.6	23.9	2,160,500
Logan	56,100	55,100	28.7	29.3	1,612,300	46,800	44,700	20.9	21.9	979,500
McIntosh	64,000	60,800	23.8	25.0	1,522,500	72,500	69,600	18.5	19.3	1,340,500
Ransom	40,400	37,900	31.0	33.1	1,252,800	74,700	71,900	25.2	26.2	1,884,700
Richland	18,400	18,100	29.1	29.6	535,900	188,100	184,600	28.6	29.2	5,382,100
Sargent	34,900	31,600	24.3	26.8	848,200	92,000	87,400	23.2	24.4	2,132,600
Southeast	328,400	311,600	26.5	28.0	8,716,100	728,700	700,500	23.7	24.6	17,247,500
STATE	4,935,000	4,822,300	31.4	32.1	154,733,800	4,655,400	4,528,300	28.7	29.5	133,631,700

1/ See page 67 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production by County, North Dakota, 5-Year Average, 1981-85 and 1985 (Revised)

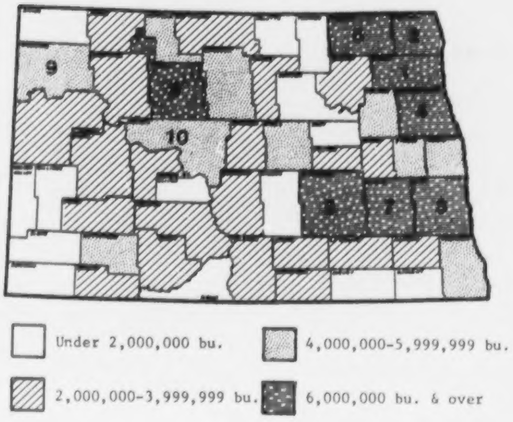
District and County	5-Year Average, 1981-85 1/					1985				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	89,600	88,200	23.8	24.2	2,141,200	80,000	77,000	23.1	24.0	1,848,000
Divide	32,800	31,800	19.5	19.9	643,200	35,000	32,000	8.7	9.5	304,000
Mountrail	35,800	34,800	24.3	25.0	883,200	40,000	38,000	28.0	29.5	1,121,000
Renville	99,800	99,000	33.4	33.7	3,312,400	90,000	89,000	43.5	44.0	3,916,000
Ward	142,400	141,800	33.6	33.8	4,820,000	150,000	149,000	43.3	43.6	6,493,000
Williams	171,600	166,400	21.1	21.7	3,689,000	165,000	155,000	13.6	14.5	2,248,000
Northwest	572,000	562,000	26.9	27.4	15,489,000	560,000	540,000	28.4	29.5	15,930,000
Benson	52,800	52,500	28.8	29.0	1,524,000	55,000	55,000	34.5	34.5	1,898,000
Bottineau	90,400	89,800	30.9	31.1	2,798,800	85,000	84,000	42.0	42.5	3,570,000
McHenry	144,200	142,800	29.0	29.2	4,202,000	135,000	133,000	35.9	36.4	4,843,000
Pierce	74,600	74,000	26.5	26.7	1,994,200	80,000	78,000	28.8	29.5	2,301,000
Rolette	18,000	17,900	27.9	28.0	518,600	25,000	25,000	35.5	35.5	888,000
North Central	380,000	377,000	28.9	29.1	11,037,600	380,000	375,000	35.5	36.0	13,500,000
Cavalier	191,800	190,800	38.2	38.4	7,357,400	200,000	198,000	50.5	51.0	10,098,000
Grand Forks	214,600	213,400	43.5	43.7	9,278,800	205,000	205,000	51.5	51.5	10,558,000
Nelson	96,600	95,800	36.7	37.0	3,565,600	95,000	94,000	40.6	41.0	3,854,000
Pembina	233,600	232,800	43.2	43.3	10,050,200	230,000	230,000	53.9	53.9	12,397,000
Ramsey	88,600	87,800	32.5	32.8	2,918,000	100,000	100,000	42.0	42.0	4,200,000
Towner	22,800	22,600	33.7	34.0	736,400	15,000	15,000	45.0	45.0	675,000
Walsh	220,000	215,800	42.1	42.9	9,275,200	225,000	218,000	51.8	53.5	11,663,000
Northeast	1,068,000	1,059,000	40.4	40.8	43,181,600	1,070,000	1,060,000	49.9	50.4	53,445,000
Dunn	114,000	108,600	22.1	23.3	2,509,000	105,000	97,000	24.9	27.0	2,619,000
McKenzie	101,000	98,000	22.6	23.3	2,320,400	90,000	84,000	17.3	18.5	1,554,000
McLean	137,600	134,800	29.1	29.6	3,980,400	125,000	125,000	36.4	36.4	4,553,000
Mercer	70,800	69,100	28.0	28.8	1,992,000	65,000	64,000	38.4	39.0	2,496,000
Oliver	46,600	46,500	28.5	28.5	1,324,200	45,000	45,000	36.5	36.5	1,643,000
West Central	470,000	457,000	25.8	26.6	12,126,000	430,000	415,000	29.9	31.0	12,865,000
Eddy	57,800	57,600	27.9	28.0	1,611,400	60,000	60,000	30.0	30.0	1,800,000
Foster	90,600	89,200	32.5	33.0	2,952,800	80,000	80,000	36.0	36.0	2,880,000
Kidder	73,600	73,200	23.2	23.3	1,720,200	80,000	80,000	23.0	23.0	1,840,000
Sheridan	107,200	104,800	28.0	28.6	3,011,000	100,000	99,000	34.7	35.0	3,465,000
Stutsman	237,600	234,200	30.3	30.8	7,219,600	210,000	202,000	31.2	32.5	6,560,000
Wells	135,200	134,000	31.0	31.3	4,201,200	130,000	129,000	35.2	35.5	4,580,000
Central	702,000	693,000	29.4	29.8	20,716,200	660,000	650,000	32.0	32.5	21,125,000
Barnes	227,000	223,600	33.4	33.9	7,568,600	210,000	202,000	35.1	36.5	7,373,000
Cass	259,600	255,800	41.6	42.1	10,599,800	235,000	234,000	55.2	55.5	12,982,000
Griggs	93,600	93,200	34.5	34.6	3,249,200	90,000	90,000	42.0	42.0	3,780,000
Steele	120,400	119,400	39.0	39.3	4,719,000	120,000	119,000	44.6	45.0	5,355,000
Traill	134,400	134,000	44.5	44.6	5,975,200	135,000	135,000	56.0	56.0	7,560,000
East Central	835,000	826,000	38.6	39.0	32,111,800	790,000	780,000	46.9	47.5	37,050,000
Adams	99,400	96,200	23.0	23.5	2,184,400	90,000	88,000	24.4	25.0	2,200,000
Billings	31,400	28,100	16.2	17.6	498,600	30,000	21,000	9.1	13.0	273,000
Bowman	70,000	65,300	18.5	19.7	1,282,200	75,000	70,000	17.3	18.5	1,295,000
Golden Valley	45,600	41,600	16.5	17.9	748,800	50,000	43,000	12.9	15.0	645,000
Hettinger	184,000	179,200	26.6	27.2	4,804,000	175,000	174,000	30.8	31.0	5,397,000
Slope	74,600	72,200	24.4	25.2	1,819,000	70,000	67,000	24.9	26.0	1,742,000
Stark	149,000	145,400	23.5	23.9	3,420,600	130,000	127,000	26.9	27.5	3,493,000
Southwest	654,000	628,000	23.0	23.8	14,757,600	620,000	590,000	24.3	25.5	15,045,000
Burleigh	141,400	138,600	24.3	24.8	3,448,400	140,000	140,000	28.5	28.5	3,990,000
Emmons	179,600	177,200	23.0	23.2	4,116,000	175,000	173,000	24.3	24.5	4,246,000
Grant	107,800	103,800	24.5	25.4	2,613,400	105,000	105,000	29.0	29.0	3,045,000
Morton	131,800	123,600	23.9	25.5	3,162,800	125,000	122,000	28.8	29.5	3,599,000
Sioux	33,400	30,800	19.7	21.7	652,000	35,000	30,000	22.7	26.5	795,000
South Central	594,000	574,000	23.6	24.4	13,992,600	580,000	570,000	27.0	27.5	15,675,000
Dickey	98,600	97,700	25.7	25.9	2,481,400	105,000	105,000	32.0	32.0	3,360,000
LaMoure	139,400	138,500	29.6	29.8	4,070,000	125,000	122,000	32.7	33.5	4,087,000
Logan	96,400	95,900	25.0	25.1	2,401,000	90,000	89,000	27.7	28.0	2,492,000
McIntosh	119,000	118,100	22.3	22.5	2,623,800	115,000	112,000	21.4	22.0	2,464,000
Ransom	96,400	95,500	31.7	32.0	2,983,000	85,000	82,000	38.6	40.0	3,280,000
Richland	180,600	180,000	38.6	38.7	6,946,600	185,000	185,000	51.0	51.0	9,437,000
Sargent	84,600	84,300	31.4	31.5	2,533,800	55,000	55,000	41.0	41.0	2,255,000
Southeast	815,000	810,000	29.9	30.1	24,039,600	760,000	750,000	36.0	36.5	27,375,000
STATE	6,090,000	5,986,000	30.9	31.4	187,452,000	5,850,000	5,730,000	36.2	37.0	212,010,000

1/ Totals may not add due to rounding.

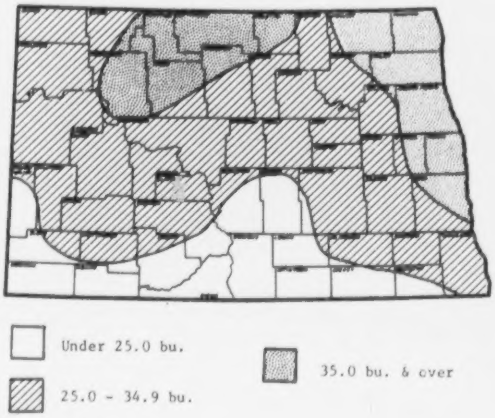
SPRING WHEAT OTHER THAN DURUM
Acreage, Yield and Production by County
North Dakota, 1986 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	105,000	105,000	34.0	34.0	3,570,000
Divide	45,000	45,000	33.0	33.0	1,485,000
Mountrail	55,000	55,000	37.5	37.5	2,063,000
Renville	115,000	115,000	39.0	39.0	4,485,000
Ward	160,000	160,000	39.0	39.0	6,240,000
Williams	190,000	190,000	31.4	31.4	5,967,000
Northwest	670,000	670,000	35.5	35.5	23,810,000
Benson	70,000	70,000	27.0	27.0	1,890,000
Bottineau	105,000	105,000	35.5	35.5	3,727,000
McHenry	150,000	150,000	28.3	28.3	4,238,000
Pierce	90,000	90,000	25.0	25.0	2,250,000
Rolette	25,000	25,000	35.0	35.0	875,000
North Central	440,000	440,000	29.5	29.5	12,980,000
Cavalier	210,000	210,000	38.0	38.0	7,980,000
Grand Forks	225,000	225,000	39.2	39.2	8,823,000
Nelson	125,000	125,000	32.0	32.0	4,000,000
Pembina	240,000	240,000	39.0	39.0	9,360,000
Ramsey	110,000	105,000	30.1	31.5	3,307,000
Towner	20,000	20,000	31.0	31.0	620,000
Walsh	240,000	240,000	40.0	40.0	9,600,000
Northeast	1,170,000	1,165,000	37.3	37.5	43,690,000
Dunn	100,000	96,000	27.8	29.0	2,784,000
McKenzie	95,000	90,000	26.1	27.5	2,475,000
McLean	170,000	170,000	34.4	34.4	5,843,000
Mercer	70,000	70,000	31.0	31.0	2,170,000
Oliver	45,000	44,000	28.8	29.5	1,298,000
West Central	480,000	470,000	30.4	31.0	14,570,000
Eddy	70,000	70,000	28.0	28.0	1,960,000
Foster	105,000	104,000	31.7	32.0	3,328,000
Kidder	90,000	90,000	21.5	21.5	1,935,000
Sheridan	110,000	109,000	27.7	28.0	3,052,000
Stutsman	270,000	267,000	31.0	31.3	8,360,000
Wells	165,000	165,000	31.0	31.0	5,115,000
Central	810,000	805,000	29.3	29.5	23,750,000
Barnes	240,000	239,000	31.4	31.5	7,529,000
Cass	280,000	276,000	33.3	33.8	9,329,000
Griggs	95,000	95,000	29.5	29.5	2,802,000
Steele	115,000	115,000	36.0	36.0	4,140,000
Traill	140,000	140,000	37.0	37.0	5,180,000
East Central	870,000	865,000	33.3	33.5	28,980,000
Adams	95,000	90,000	22.7	24.0	2,160,000
Billings	35,000	34,000	25.3	26.0	884,000
Bowman	75,000	72,000	22.1	23.0	1,656,000
Golden Valley	50,000	48,000	22.1	23.0	1,104,000
Hettinger	190,000	188,000	30.5	30.9	5,800,000
Slope	75,000	74,000	25.7	26.0	1,924,000
Stark	140,000	134,000	26.8	28.0	3,752,000
Southwest	660,000	640,000	26.2	27.0	17,280,000
Burleigh	150,000	144,000	23.5	24.5	3,528,000
Emmons	175,000	171,000	20.8	21.2	3,632,000
Grant	105,000	98,000	22.9	24.5	2,401,000
Morton	130,000	118,000	27.7	30.5	3,599,000
Sioux	40,000	34,000	17.0	20.0	680,000
South Central	600,000	565,000	23.1	24.5	13,840,000
Dickey	105,000	102,000	19.0	19.5	1,990,000
LaMoure	130,000	127,000	24.4	25.0	3,175,000
Logan	90,000	89,000	25.7	26.0	2,314,000
McIntosh	120,000	116,000	21.3	22.0	2,552,000
Ransom	95,000	92,000	27.1	28.0	2,576,000
Richland	195,000	192,000	28.7	29.1	5,591,000
Sargent	65,000	62,000	20.0	21.0	1,302,000
Southeast	800,000	780,000	24.4	25.0	19,500,000
STATE	6,500,000	6,400,000	30.5	31.0	198,400,000

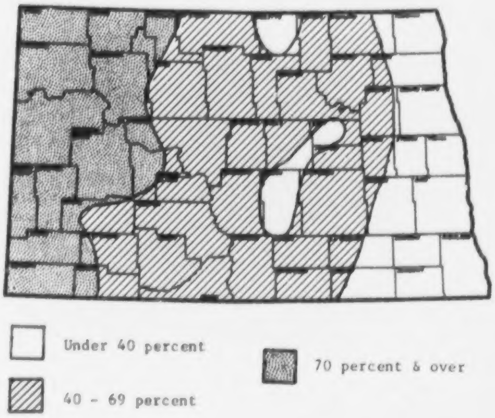
SPRING WHEAT OTHER THAN DURUM, 1986
Production by County,
(Rank of First Ten Counties Shown)



SPRING WHEAT OTHER THAN DURUM, 1986
Yield per Harvested Acre
(Bushels)



SPRING WHEAT OTHER THAN DURUM, 1986
Percent Planted on Summer Fallow



SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by County, North Dakota, 1985 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	73,800	70,900	23.6	24.6	1,742,100	6,200	6,100	17.1	17.4	105,900
Divide	32,700	29,700	7.4	8.2	242,600	1,400	1,400	8.6	8.6	12,100
Mountrail	28,000	26,400	23.8	25.2	665,000	12,000	11,600	38.0	39.3	456,000
Renville	67,600	66,600	43.7	44.4	2,955,100	22,400	22,400	42.9	42.9	960,900
Ward	85,200	84,700	45.2	45.5	3,855,100	64,600	64,100	40.7	41.0	2,628,900
Williams	152,800	143,800	13.0	13.8	1,989,700	10,100	9,100	14.3	15.9	144,900
Northwest	440,100	422,100	26.0	27.1	11,449,600	116,700	114,700	36.9	37.6	4,308,700
Benson	30,000	30,000	37.6	37.6	1,128,000	24,500	24,500	30.6	30.6	750,000
Bottineau	59,000	58,500	43.2	43.6	2,547,800	26,000	25,500	39.3	40.1	1,022,200
McHenry	85,900	85,000	37.0	37.4	3,178,100	48,900	47,800	33.8	34.6	1,654,900
Pierce	43,000	41,900	30.1	30.9	1,295,000	37,000	36,100	27.2	27.9	1,006,000
Rolette	13,200	13,200	38.4	38.4	506,800	11,800	11,800	32.3	32.3	381,200
North Central	231,100	228,600	37.5	37.9	8,655,700	148,200	145,700	32.5	33.0	4,814,300
Cavalier	107,000	105,800	51.8	52.4	5,545,700	93,000	92,200	48.9	49.4	4,552,300
Grand Forks	75,400	75,400	50.1	50.1	3,779,200	129,300	129,300	52.3	52.3	6,760,800
Nelson	45,300	44,900	44.2	44.5	2,000,100	49,500	48,900	37.2	37.6	1,840,900
Pembina	62,800	62,800	54.6	54.6	3,429,600	167,200	167,200	53.6	53.6	8,967,400
Ramsey	56,000	56,000	43.8	43.8	2,454,600	44,000	44,000	39.7	39.7	1,745,400
Towner	4,100	4,100	52.4	52.4	214,700	10,900	10,900	42.2	42.2	460,300
Walsh	81,700	79,100	51.0	52.7	4,167,300	143,200	138,800	52.3	54.0	7,489,200
Northeast	432,300	428,100	49.9	50.4	21,591,200	637,100	631,300	49.9	50.4	31,816,300
Dunn	67,800	65,500	29.1	30.2	1,975,400	37,200	31,500	17.3	20.4	643,600
McKenzie	74,900	69,700	14.0	15.1	1,052,300	9,900	9,100	13.4	14.6	132,500
McLean	78,800	78,800	37.9	37.9	2,990,200	45,000	45,000	33.4	33.4	1,505,200
Mercer	53,900	53,900	40.4	40.4	2,179,900	10,900	9,900	28.3	31.1	308,100
Oliver	28,400	28,400	38.1	38.1	1,080,900	16,500	16,500	33.6	33.6	555,100
West Central	303,800	296,300	30.5	31.3	9,278,700	119,500	112,000	26.3	28.1	3,144,500
Eddy	25,700	25,700	32.2	32.2	828,800	34,300	34,300	28.3	28.3	971,200
Foster	41,900	41,900	39.0	39.0	1,635,900	38,100	38,100	32.7	32.7	1,244,100
Kidder	30,200	30,200	26.5	26.5	801,700	48,500	48,500	20.2	20.2	979,800
Sheridan	63,600	62,800	35.7	36.1	2,268,800	36,400	36,200	32.9	33.0	1,196,200
Stutsman	105,400	99,500	34.6	36.7	3,652,000	104,600	102,500	27.8	28.4	2,908,000
Wells	75,000	74,400	38.2	38.5	2,866,600	55,000	54,600	31.2	31.4	1,713,400
Central	341,800	334,500	35.3	36.0	12,053,800	316,900	314,200	28.4	28.7	9,012,700
Barnes	81,100	78,000	39.4	40.9	3,193,600	128,800	123,900	32.4	33.7	4,174,100
Cass	46,300	46,300	54.7	54.7	2,531,600	188,700	187,700	55.4	55.7	10,450,400
Griggs	46,900	46,900	44.6	44.6	2,091,500	42,700	42,700	39.1	39.1	1,670,500
Steele	43,400	43,400	47.5	47.5	2,063,600	76,300	75,300	42.9	43.5	3,276,400
Traill	37,500	37,500	55.9	55.9	2,094,400	97,300	97,300	56.0	56.0	5,453,600
East Central	255,200	252,100	46.9	47.5	11,974,700	533,800	526,900	46.9	47.5	25,025,000
Adams	70,300	68,500	26.1	26.8	1,834,000	19,700	19,500	18.6	18.8	366,000
Billings	22,200	16,700	11.0	14.6	244,000	7,800	4,300	3.7	6.7	29,000
Bowman	64,100	60,300	18.4	19.6	1,180,500	10,900	9,700	10.5	11.8	114,500
Golden Valley	40,200	36,300	13.9	15.3	557,100	9,800	6,700	9.0	13.1	87,900
Hettinger	124,300	123,900	33.0	33.1	4,101,100	50,700	50,100	25.6	25.9	1,295,900
Slope	53,800	52,000	27.1	28.0	1,458,500	16,200	15,000	17.5	18.9	283,500
Stark	92,000	90,600	28.4	28.8	2,609,300	38,000	36,400	23.3	24.3	883,700
Southwest	466,900	448,300	25.7	26.7	11,984,500	153,100	141,700	20.0	21.6	3,060,500
Burleigh	64,700	64,700	31.8	31.8	2,060,100	75,300	75,300	25.6	25.6	1,929,900
Emmons	78,900	78,100	27.4	27.7	2,162,800	95,500	94,300	21.5	21.8	2,053,200
Grant	67,300	67,300	32.0	32.0	2,153,800	37,600	37,600	23.6	23.6	886,700
Morton	79,800	79,200	32.4	32.6	2,585,600	45,100	42,700	22.4	23.6	1,008,900
Sioux	20,800	20,600	29.4	29.7	611,500	14,200	9,400	12.9	19.5	183,500
South Central	311,500	309,900	30.7	30.9	9,573,800	267,700	259,300	22.6	23.4	6,062,200
Dickey	29,600	29,600	38.5	38.5	1,140,500	74,700	74,700	29.3	29.3	2,187,300
LaMoure	65,500	64,200	35.6	36.3	2,330,800	59,200	57,500	29.4	30.3	1,742,500
Logan	51,900	51,400	31.7	32.0	1,646,100	38,000	37,500	22.1	22.4	841,400
McIntosh	56,100	53,900	25.0	26.0	1,404,000	58,900	58,100	18.0	18.2	1,060,000
Ransom	29,200	28,900	42.6	43.0	1,243,900	55,800	53,100	36.5	38.3	2,036,100
Richland	27,900	27,900	55.2	55.2	1,539,100	157,100	157,100	50.3	50.3	7,897,900
Sargent	12,600	12,600	47.1	47.1	593,900	42,100	42,100	39.1	39.1	1,646,100
Southeast	272,800	268,500	36.3	36.9	9,898,300	485,800	480,100	35.8	36.3	17,411,300
STATE	3,055,500	2,988,400	34.8	35.6	106,460,300	2,778.800	2,725,900	37.7	38.4	104,655,500

1/ See page 66 for irrigated acres.

SPRING WHEAT OTHER THAN DURUM: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by County, North Dakota, 1986 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	90,800	90,800	33.2	33.2	3,015,400	14,200	14,200	39.1	39.1	554,600
Divide	41,800	41,800	33.1	33.1	1,383,600	2,700	2,700	27.9	27.9	75,200
Mountrail	40,300	40,300	38.3	38.3	1,544,000	14,700	14,700	35.3	35.3	519,000
Renville	85,600	85,600	40.5	40.5	3,470,500	29,400	29,400	34.5	34.5	1,014,500
Ward	83,500	83,500	41.0	41.0	3,419,600	76,000	76,000	36.8	36.8	2,797,400
Williams	181,500	181,500	31.2	31.2	5,655,200	5,500	5,500	25.3	25.3	139,300
Northwest	523,500	523,500	35.3	35.3	18,488,300	142,500	142,500	35.8	35.8	5,100,000
Benson	32,800	32,800	28.9	28.9	947,300	36,800	36,800	25.2	25.2	926,300
Bottineau	61,300	61,300	36.1	36.1	2,214,000	43,700	43,700	34.6	34.6	1,513,000
McHenry	76,400	76,400	29.9	29.9	2,285,400	73,300	73,300	26.4	26.4	1,936,400
Pierce	49,500	49,500	26.7	26.7	1,323,900	40,500	40,500	22.9	22.9	926,100
Rolette	8,200	8,200	33.3	33.3	273,200	16,800	16,800	35.8	35.8	601,800
North Central	228,200	228,200	30.9	30.9	7,043,800	211,100	211,100	28.0	28.0	5,903,600
Cavalier	100,800	100,800	39.8	39.8	4,012,000	109,200	109,200	36.3	36.3	3,968,000
Grand Forks	79,400	79,400	37.4	37.4	2,967,100	144,600	144,600	40.1	40.1	5,802,900
Nelson	57,000	57,000	32.8	32.8	1,870,400	68,000	68,000	31.3	31.3	2,129,600
Pembina	67,700	67,700	39.7	39.7	2,690,300	172,300	172,300	38.7	38.7	6,669,700
Ramsey	56,100	53,400	33.2	34.9	1,865,100	53,800	51,500	26.7	27.9	1,437,900
Towner	8,300	8,300	31.1	31.1	257,800	11,700	11,700	31.0	31.0	362,200
Walsh	70,600	70,600	39.7	39.7	2,799,600	169,300	169,300	40.1	40.1	6,795,900
Northeast	439,900	437,200	37.4	37.7	16,462,300	728,900	726,600	37.3	37.4	27,166,200
Dunn	70,800	68,800	30.3	31.2	2,143,600	29,200	27,200	21.9	23.5	640,400
McKenzie	81,500	76,900	23.4	24.8	1,909,600	8,000	7,700	25.5	26.4	203,600
McLean	93,500	93,500	35.2	35.2	3,288,900	75,200	75,200	33.3	33.3	2,500,800
Mercer	55,200	55,200	32.2	32.2	1,775,700	14,700	14,700	26.6	26.6	390,300
Oliver	27,400	26,700	32.5	33.4	891,300	17,300	17,000	22.8	23.2	393,800
West Central	328,400	321,100	30.5	31.2	10,009,100	144,400	141,800	28.6	29.1	4,128,900
Eddy	26,500	26,500	31.9	31.9	846,400	43,000	43,000	25.4	25.4	1,093,600
Foster	44,400	44,000	33.5	33.8	1,488,600	60,100	59,500	30.3	30.6	1,818,900
Kidder	30,500	30,500	24.0	24.0	731,900	57,500	57,500	19.2	19.2	1,106,100
Sheridan	64,600	64,200	28.9	29.1	1,867,400	45,400	44,800	26.1	26.4	1,184,600
Stutsman	126,400	124,500	33.6	34.1	4,242,800	143,500	142,400	28.7	28.9	4,113,000
Wells	77,400	77,400	34.1	34.1	2,642,300	87,600	87,600	28.2	28.2	2,472,700
Central	369,800	367,100	32.0	32.2	11,819,400	437,100	434,800	27.0	27.1	11,788,900
Barnes	84,500	84,100	32.4	32.6	2,739,200	154,800	154,200	30.8	30.9	4,765,300
Cass	56,800	56,300	31.0	31.3	1,763,400	221,500	218,000	33.9	34.4	7,504,400
Griggs	47,400	47,400	31.0	31.0	1,470,800	47,100	47,100	27.8	27.8	1,311,200
Steele	44,000	44,000	37.9	37.9	1,666,800	70,600	70,600	34.8	34.8	2,455,200
Traill	37,200	37,200	37.8	37.8	1,406,900	102,700	102,700	36.7	36.7	3,768,100
East Central	269,900	269,000	33.5	33.6	9,047,100	596,700	592,600	33.2	33.4	19,804,200
Adams	64,100	61,800	23.6	24.5	1,515,300	30,900	28,200	20.9	22.9	644,700
Billings	28,600	27,900	26.2	26.9	749,500	6,400	6,100	21.0	22.0	134,500
Bowman	59,700	57,200	22.2	23.1	1,323,700	15,300	14,800	21.7	22.5	332,300
Golden Valley	44,300	42,400	22.0	23.0	973,700	5,700	5,600	22.9	23.3	130,300
Hettinger	135,500	134,000	30.5	30.8	4,126,200	54,500	54,000	30.7	31.0	1,673,800
Slope	54,300	54,000	26.7	26.9	1,452,100	20,700	20,000	22.8	23.6	471,900
Stark	92,000	88,900	28.9	29.9	2,654,300	48,000	45,100	22.9	24.3	1,097,700
Southwest	478,500	466,200	26.7	27.4	12,794,800	181,500	173,800	24.7	25.8	4,485,200
Burleigh	66,600	65,100	27.3	27.9	1,816,800	83,300	78,800	20.5	21.6	1,705,200
Emmons	70,500	67,400	23.4	24.5	1,648,800	103,500	102,600	18.6	18.8	1,929,200
Grant	65,900	64,800	24.9	25.3	1,642,400	39,000	33,100	19.3	22.8	754,100
Morton	75,800	71,800	31.2	32.9	2,361,300	54,200	46,200	22.8	26.8	1,237,700
Sioux	23,500	19,200	16.9	20.7	397,500	16,300	14,600	16.8	18.8	274,500
South Central	302,300	288,300	26.0	27.3	7,866,800	296,300	275,300	19.9	21.4	5,900,700
Dickey	13,300	12,800	25.2	26.2	335,400	91,500	89,000	18.0	18.5	1,645,600
LaMoure	58,500	58,000	26.1	26.3	1,524,100	70,800	68,300	23.0	23.8	1,626,400
Logan	50,900	50,900	29.4	29.4	1,494,600	38,900	37,900	20.9	21.4	811,400
McIntosh	58,000	56,500	24.1	24.7	1,395,800	62,000	59,500	18.6	19.4	1,156,200
Ransom	30,800	29,400	30.3	31.8	933,800	63,500	61,900	25.3	25.9	1,603,700
Richland	16,200	16,100	28.7	28.8	464,400	178,800	175,900	28.7	29.1	5,126,600
Sargent	15,500	13,600	16.2	18.4	250,900	49,500	48,400	21.2	21.7	1,051,100
Southeast	243,200	237,300	26.3	27.0	6,399,000	555,000	540,900	23.5	24.1	13,021,000
STATE	3,183,700	3,137,900	31.4	31.8	99,930,600	3,293,500	3,239,400	29.5	30.0	97,298,700

1/ See page 67 for irrigated acres

DURUM WHEAT: Acreage, Yield and Production by County
North Dakota, 5-Year Average, 1981-85 and 1985 (Revised)

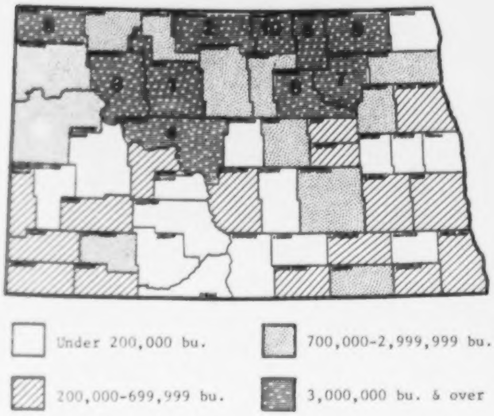
District and County	5-Year Average, 1981-85 1/					1985				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	73,800	73,000	25.4	25.7	1,852,600	65,000	64,000	29.0	29.5	1,888,000
Divide	170,700	166,900	21.1	21.5	3,775,600	140,000	129,000	11.5	12.5	1,613,000
Mountrail	197,400	189,600	26.5	27.7	5,264,200	165,000	160,000	31.0	32.0	5,120,000
Renville	82,000	81,400	32.8	33.1	2,679,600	75,000	74,000	42.6	43.2	3,194,000
Ward	219,000	216,400	32.3	32.7	6,997,600	190,000	188,000	41.6	42.0	7,900,000
Williams	138,900	135,700	21.5	22.0	3,167,800	105,000	100,000	13.3	14.0	1,400,000
Northwest	881,800	863,000	26.7	27.3	23,737,400	740,000	715,000	28.5	29.5	21,115,000
Benson	173,800	171,800	30.8	31.1	5,397,600	160,000	158,000	32.7	33.2	5,239,000
Bottineau	206,400	203,600	32.0	32.4	6,508,600	180,000	177,000	42.8	43.5	7,700,000
McHenry	40,400	40,000	31.6	31.9	1,298,000	36,000	36,000	41.5	41.5	1,494,000
Pierce	77,600	77,000	29.4	29.6	2,301,800	69,000	69,000	33.5	33.5	2,312,000
Rolette	99,800	98,600	31.4	31.7	3,146,200	85,000	85,000	38.0	38.0	3,230,000
North Central	598,000	591,000	31.2	31.5	18,652,200	530,000	525,000	37.7	38.0	19,975,000
Cavalier	140,600	139,400	36.8	37.1	5,124,000	125,000	124,000	49.1	49.5	6,138,000
Grand Forks	15,200	15,200	42.5	42.5	655,400	16,000	16,000	50.0	50.0	800,000
Nelson	99,600	98,600	35.2	35.6	3,533,000	90,000	89,000	39.0	39.5	3,514,000
Pembina	6,000	5,800	41.1	41.5	226,800	2,000	2,000	44.0	44.0	88,000
Ramsey	165,400	163,400	32.7	33.1	5,416,000	140,000	139,000	39.7	40.0	5,560,000
Towner	207,200	202,800	31.6	32.3	6,641,000	200,000	197,000	39.9	40.5	7,977,000
Walsh	54,000	52,600	36.0	37.4	1,882,000	37,000	33,000	38.8	43.5	1,436,000
Northeast	688,000	677,800	34.0	34.5	23,478,200	610,000	600,000	41.8	42.5	25,513,000
Dunn	5,100	4,900	27.5	28.6	137,800	2,000	2,000	33.5	33.5	67,000
McKenzie	45,800	44,600	23.4	24.0	1,072,600	41,000	40,000	20.5	21.0	840,000
McLean	177,300	170,700	29.0	30.1	5,156,800	170,000	166,000	38.3	39.2	6,507,000
Mercer	12,400	12,300	32.4	32.6	411,800	16,000	16,000	41.0	41.0	656,000
Oliver	2,000	1,900	29.6	30.3	55,800	1,000	1,000	30.0	30.0	30,000
West Central	242,600	234,400	28.1	29.1	6,834,800	230,000	225,000	35.2	36.0	8,100,000
Eddy	23,600	23,200	28.7	29.0	690,000	20,000	20,000	31.5	31.5	630,000
Foster	26,600	26,000	32.9	33.5	872,000	21,000	21,000	36.0	36.0	756,000
Kidder	24,400	24,100	25.3	25.5	613,400	19,000	19,000	24.0	24.0	456,000
Sheridan	14,700	14,400	26.4	26.8	380,600	10,000	10,000	36.5	36.5	365,000
Stutsman	107,000	103,800	29.9	30.9	3,272,000	120,000	117,000	30.6	31.4	3,676,000
Wells	84,900	83,300	31.6	32.3	2,691,000	80,000	78,000	34.1	35.0	2,730,000
Central	281,200	274,800	30.0	30.7	8,519,000	270,000	265,000	31.9	32.5	8,613,000
Barnes	40,400	40,000	33.0	33.2	1,331,600	36,000	35,000	32.1	33.0	1,155,000
Cass	39,000	38,600	43.6	44.0	1,661,600	37,000	37,000	58.1	58.1	2,151,000
Griggs	17,600	17,400	35.5	35.7	612,600	12,000	12,000	42.5	42.5	510,000
Steele	11,200	11,000	36.7	37.0	408,800	8,000	8,000	45.5	45.5	364,000
Traill	10,600	10,400	44.0	44.3	443,800	5,000	5,000	57.0	57.0	285,000
East Central	118,800	117,400	38.0	38.4	4,458,400	98,000	97,000	45.6	46.0	4,465,000
Adams	17,500	16,300	23.0	23.9	378,000	15,000	15,000	27.0	27.0	405,000
Billings	900	800	19.8	20.7	15,200	500	500	20.0	20.0	10,000
Bowman	28,900	26,800	21.4	22.9	584,400	19,500	17,000	18.3	21.0	357,000
Golden Valley	24,600	22,800	21.0	22.6	503,400	20,000	17,500	15.8	18.0	315,000
Hettinger	25,200	24,400	28.9	30.7	718,800	27,000	26,500	34.3	35.0	927,000
Slope	15,100	14,700	26.4	27.9	402,600	13,000	13,000	22.5	22.5	293,000
Stark	12,800	11,800	23.8	25.1	278,400	15,000	14,500	26.6	27.5	399,000
Southwest	125,000	117,600	24.4	25.7	2,880,800	110,000	104,000	24.6	26.0	2,706,000
Burleigh	11,700	11,300	23.2	24.0	262,000	10,000	10,000	28.5	28.5	285,000
Emmons	8,700	8,500	21.0	21.4	200,400	5,000	5,000	20.6	20.6	103,000
Grant	7,100	6,900	24.3	24.7	171,000	3,000	3,000	20.3	20.3	61,000
Morton	4,300	4,100	22.4	23.4	92,800	4,000	3,700	19.5	21.1	78,000
Sioux	5,800	5,300	20.6	21.8	109,600	5,000	4,300	18.4	21.4	92,000
South Central	37,600	36,000	23.0	23.9	835,800	27,000	26,000	22.9	23.8	619,000
Dickey	24,800	24,200	26.7	27.1	640,600	22,000	21,500	33.2	34.0	731,000
LaMoure	45,700	44,500	27.5	28.2	1,240,400	43,000	42,000	29.3	30.0	1,260,000
Logan	15,100	14,900	26.0	26.2	408,800	16,000	16,000	27.0	27.0	432,000
McIntosh	19,600	19,300	23.5	23.8	479,800	19,000	19,000	23.5	23.5	447,000
Ransom	6,200	6,100	30.4	30.6	177,600	6,000	6,000	36.5	36.5	219,000
Richland	13,200	13,000	37.0	37.2	458,800	9,000	9,000	55.6	55.6	500,000
Sargent	20,400	20,000	31.1	31.8	622,400	20,000	19,500	40.0	41.0	800,000
Southeast	145,000	142,000	27.8	28.3	4,028,400	135,000	133,000	32.5	33.0	4,389,000
STATE	3,118,000	3,054,000	29.9	30.5	93,425,000	2,750,000	2,690,000	34.7	35.5	95,495,000

1/ Totals may not add due to rounding.

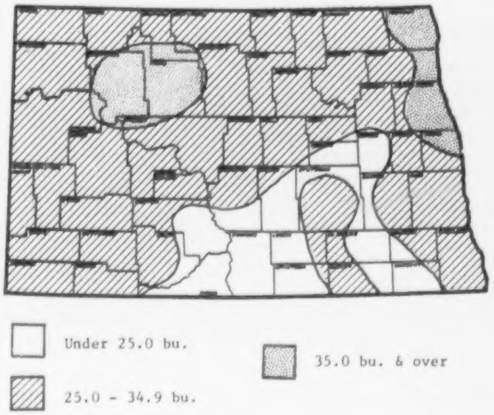
DURUM WHEAT: Acreage, Yield and Production by County, North Dakota, 1986 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	55,000	53,500	32.1	33.0	1,766,000
Divide	150,000	147,000	33.3	34.0	4,998,000
Mountrail	175,000	173,000	36.6	37.0	6,401,000
Renville	65,000	64,500	34.2	34.5	2,225,000
Ward	210,000	209,000	35.3	35.5	7,420,000
Williams	85,000	83,000	32.2	33.0	2,74[illegible],000
Northwest	740,000	730,000	34.5	35.0	25,550,000
Benson	145,000	140,000	27.0	28.0	3,922,000
Bottineau	220,000	215,000	32.7	33.5	7,203,000
McHenry	31,000	27,000	25.3	29.0	783,000
Pierce	64,000	62,000	24.7	25.5	1,581,000
Rolette	110,000	106,000	29.9	31.0	3,286,000
North Central	570,000	550,000	29.4	30.5	16,775,000
Cavalier	120,000	112,000	28.0	30.0	3,360,000
Grand Forks	12,000	12,000	36.5	36.5	438,000
Nelson	79,000	77,000	27.8	28.5	2,195,000
Pembina	1,000	1,000	44.0	44.0	44,000
Ramsey	165,000	158,000	27.3	28.5	4,503,000
Towner	210,000	198,000	23.9	25.3	5,009,000
Walsh	33,000	32,000	27.2	28.0	896,000
Northeast	620,000	590,000	26.5	27.9	16,445,000
Dunn	5,500	4,500	24.5	30.0	135,000
McKenzie	46,000	44,000	31.6	33.0	1,452,000
McLean	165,000	163,000	31.9	32.3	5,270,000
Mercer	13,000	13,000	34.0	34.0	442,000
Oliver	500	500	32.0	32.0	16,000
West Central	230,000	225,000	31.8	32.5	7,315,000
Eddy	8,000	7,500	26.3	28.0	210,000
Foster	14,000	13,000	23.2	25.0	325,000
Kidder	8,000	7,000	16.6	19.0	133,000
Sheridan	6,000	5,500	25.7	28.0	154,000
Stutsman	95,000	89,000	27.1	29.0	2,579,000
Wells	39,000	38,000	29.7	30.5	1,159,000
Central	170,000	160,000	26.8	28.5	4,560,000
Barnes	17,000	15,500	27.4	30.0	465,000
Cass	25,000	22,000	27.7	31.5	693,000
Griggs	7,500	7,000	22.4	24.0	168,000
Steele	4,500	4,500	34.0	34.0	153,000
Traill	6,000	6,000	23.5	23.5	141,000
East Central	60,000	55,000	27.0	29.5	1,620,000
Adams	10,500	8,300	22.6	28.6	237,000
Billings	0	0	0.0	0.0	0
Bowman	20,500	20,000	28.8	29.5	590,000
Golden Valley	10,000	9,200	26.7	29.0	267,000
Hettinger	22,500	22,000	33.7	34.5	759,000
Slope	8,500	8,000	27.8	29.5	236,000
Stark	13,000	12,500	33.2	34.5	431,000
Southwest	85,000	80,000	29.6	31.5	2,520,000
Burleigh	10,000	10,000	27.1	27.1	271,000
Emmons	4,400	3,500	15.9	20.0	70,000
Grant	2,400	2,300	25.4	26.5	61,000
Morton	1,900	1,200	15.8	25.0	30,000
Sioux	6,300	6,000	17.1	18.0	108,000
South Central	25,000	23,000	21.6	23.5	540,000
Dickey	32,000	29,000	24.9	27.5	798,000
LaMoure	24,000	19,200	18.0	22.5	432,000
Logan	6,700	5,300	19.4	24.5	130,000
McIntosh	13,000	11,000	17.4	20.5	226,000
Ransom	3,800	3,500	27.6	30.0	105,000
Richland	8,500	7,900	26.9	29.0	229,000
Sargent	12,000	11,100	21.3	23.0	255,000
Southeast	100,000	87,000	21.8	25.0	2,175,000
STATE	2,600,000	2,500,000	29.8	31.0	77,500,000

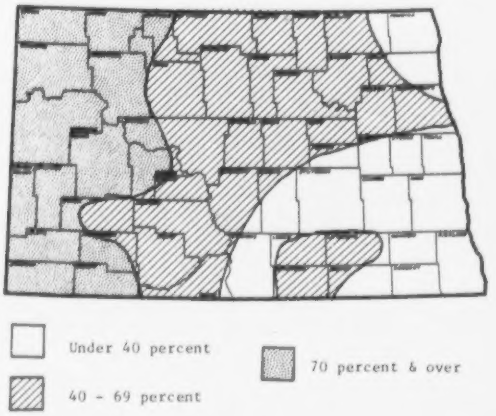
DURUM WHEAT, 1986 - Production by County,
(Rank of First Ten Counties Shown)



DURUM WHEAT, 1986 - Yield per Harvested Acre
(Bushels)



DURUM WHEAT, 1986
Percent Planted on Summer Fallow



DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by County, North Dakota, 1985 (Revised) 1/

District and County	Summer Fallow Acres Planted	Summer Fallow Acres Harvested	Summer Fallow Yield/Acre Pltd.	Summer Fallow Yield/Acre Harv.	Summer Fallow Production	Continuous Cropping Acres Planted	Continuous Cropping Acres Harvested	Continuous Cropping Yield/Acre Pltd.	Continuous Cropping Yield/Acre Harv.	Continuous Cropping Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	58,000	57,100	28.4	28.9	1,649,600	7,000	6,900	34.1	34.6	238,400
Divide	133,300	123,300	11.4	12.3	1,521,600	6,000	5,000	6.7	8.0	40,000
Mountrail	139,300	134,800	30.9	31.9	4,300,900	25,700	25,200	31.9	32.5	819,100
Renville	55,400	54,700	43.5	44.0	2,407,600	19,600	19,300	40.1	40.7	786,400
Ward	109,100	107,900	42.9	43.4	4,679,800	80,900	80,100	39.8	40.2	3,220,200
Williams	98,500	94,700	13.0	13.6	1,283,700	5,300	4,100	8.7	11.3	46,200
Northwest	593,600	572,500	26.7	27.7	15,843,200	144,500	140,600	35.6	36.6	5,150,300
Benson	88,000	86,900	35.5	36.0	3,125,200	71,700	70,800	29.3	29.6	2,097,300
Bottineau	121,500	119,600	43.2	43.9	5,245,300	58,500	57,400	42.0	42.8	2,454,700
McHenry	18,800	18,800	42.0	42.0	789,200	17,200	17,200	41.0	41.0	704,800
Pierce	38,800	38,800	36.9	36.9	1,430,400	30,200	30,200	29.2	29.2	881,600
Rolette	48,100	48,100	38.6	38.6	1,858,900	36,900	36,900	37.2	37.2	1,371,100
North Central	315,200	312,200	39.5	39.9	12,449,000	214,500	212,500	35.0	35.3	7,509,500
Cavalier	71,100	70,500	50.2	50.7	3,571,200	53,900	53,500	47.6	48.0	2,566,800
Grand Forks	4,600	4,600	49.1	49.1	225,700	11,400	11,400	50.4	50.4	574,300
Nelson	43,400	43,000	41.1	41.5	1,784,700	46,600	46,000	37.1	37.6	1,729,300
Pembina	200	200	40.5	40.5	8,100	1,800	1,800	44.4	44.4	79,900
Ramsey	66,900	66,400	43.2	43.5	2,886,900	73,100	72,600	36.6	36.8	2,673,100
Towner	84,400	83,200	41.7	42.3	3,517,200	115,600	113,800	38.6	39.2	4,459,800
Walsh	16,900	14,000	37.1	44.7	626,200	20,100	19,000	40.3	42.6	809,800
Northeast	287,500	281,900	43.9	44.8	12,620,000	322,500	318,100	40.0	40.5	12,893,000
Dunn	1,600	1,600	35.6	35.6	57,000	400	400	25.0	25.0	10,000
McKenzie	32,600	31,900	21.1	21.5	687,200	8,400	8,100	18.2	18.9	152,800
McLean	133,100	129,200	38.9	40.1	5,179,600	36,300	36,200	35.8	35.9	1,300,400
Mercer	13,400	13,400	41.7	41.7	559,200	2,600	2,600	37.2	37.2	96,800
Oliver	1,000	1,000	30.0	30.0	30,000	---	---	---	---	---
West Central	181,700	177,100	35.8	36.8	6,513,000	47,700	47,300	32.7	33.0	1,560,000
Eddy	10,300	10,300	32.2	32.2	331,900	9,700	9,700	30.7	30.7	298,100
Foster	4,500	4,500	43.0	43.0	193,500	16,300	16,300	34.0	34.0	554,500
Kidder	5,800	5,800	29.9	29.9	173,700	13,200	13,200	21.4	21.4	282,300
Sheridan	6,000	6,000	39.1	39.1	234,600	4,000	4,000	32.6	32.6	130,400
Stutsman	54,500	53,200	36.1	37.0	1,966,300	65,500	63,800	26.1	26.8	1,709,700
Wells	45,600	44,300	36.3	37.4	1,657,100	34,400	33,700	31.2	31.8	1,072,900
Central	126,700	124,100	36.0	36.7	4,557,100	143,100	140,700	28.3	28.8	4,047,900
Barnes	6,600	6,400	36.5	37.7	241,200	29,400	28,600	31.1	32.0	913,800
Cass	1,500	1,500	57.0	57.0	85,500	33,800	33,800	58.1	58.1	1,964,300
Griggs	5,200	5,200	44.6	44.6	232,000	6,800	6,800	40.9	40.9	278,000
Steele	1,300	1,300	52.9	52.9	68,800	6,700	6,700	44.1	44.1	295,200
Traill	900	900	56.2	56.2	50,600	4,100	4,100	57.2	57.2	234,400
East Central	15,500	15,300	43.7	44.3	678,100	80,800	80,000	45.6	46.1	3,685,700
Adams	13,900	13,900	27.9	27.9	388,200	1,100	1,100	15.3	15.3	16,800
Billings	500	500	20.0	20.0	10,000	---	---	---	---	---
Bowman	16,200	14,800	19.8	21.7	321,400	3,300	2,200	10.8	16.2	35,600
Golden Valley	15,100	12,900	16.6	19.4	250,800	4,900	4,600	13.1	14.0	64,200
Hettinger	17,500	17,200	36.6	37.2	640,000	9,500	9,300	30.2	30.9	287,000
Slope	9,200	9,200	25.4	25.4	233,300	3,800	3,800	15.7	15.7	59,700
Stark	10,000	9,700	30.7	31.6	306,800	5,000	4,800	18.4	19.2	92,200
Southwest	82,400	78,200	26.1	27.5	2,150,500	27,600	25,800	20.1	21.5	555,500
Burleigh	5,200	5,200	29.8	29.8	154,900	4,800	4,800	27.1	27.1	130,100
Emmons	2,200	2,200	26.2	26.2	57,700	2,800	2,800	16.2	16.2	45,300
Grant	600	600	29.0	29.0	17,400	2,400	2,400	18.2	18.2	43,600
Morton	1,200	1,200	33.8	33.8	40,500	2,800	2,500	13.4	15.0	37,500
Sioux	3,500	3,300	22.3	23.6	78,000	1,500	1,000	9.3	14.0	14,000
South Central	12,700	12,500	27.4	27.9	348,500	14,300	13,500	18.9	20.0	270,500
Dickey	7,300	7,200	34.5	35.0	252,100	14,700	14,300	32.6	33.5	478,900
LaMoure	16,900	16,600	32.6	33.2	550,600	25,700	25,000	27.0	27.7	693,100
Logan	9,600	9,600	28.4	28.4	272,200	6,400	6,400	25.0	25.0	159,800
McIntosh	9,700	9,700	26.9	26.9	261,300	9,300	9,300	20.0	20.0	185,700
Ransom	2,900	2,900	36.5	36.5	105,900	2,900	2,900	36.2	36.2	105,100
Richland	1,300	1,300	41.2	41.2	53,600	7,700	7,700	58.0	58.0	446,400
Sargent	3,700	3,600	44.1	45.3	163,100	16,300	15,900	39.1	40.1	636,900
Southeast	51,400	50,900	32.3	32.6	1,658,800	83,000	81,500	32.6	33.2	2,705,900
STATE	1,666,700	1,624,700	34.1	35.0	56,818,200	1,078,000	1,060,000	35.6	36.2	38,378,300

1/ See page 66 for irrigated acres.

DURUM WHEAT: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by County, North Dakota, 1986 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	47,700	46,400	33.1	34.0	1,578,600	7,300	7,100	25.7	26.4	187,400
Divide	143,000	140,200	33.3	34.0	4,765,800	5,800	5,700	28.3	28.8	164,000
Mountrail	135,600	133,900	36.8	37.2	4,985,100	39,400	39,100	35.9	36.2	1,415,900
Renville	48,600	48,200	34.9	35.2	1,694,700	16,400	16,300	32.3	32.5	530,300
Ward	116,300	116,300	37.6	37.6	4,374,700	93,700	92,700	32.5	32.9	3,045,300
Williams	80,600	78,600	32.1	32.9	2,587,700	3,300	3,300	30.2	30.2	99,600
Northwest	571,800	563,600	35.0	35.5	19,986,600	165,900	164,200	32.8	33.1	5,442,500
Benson	79,900	77,200	28.7	29.7	2,293,400	63,800	61,500	24.8	25.7	1,583,100
Bottineau	125,200	121,900	33.7	34.6	4,215,000	94,800	93,100	31.5	32.1	2,988,000
McHenry	15,300	13,800	26.5	29.3	404,900	15,700	13,200	24.1	28.6	378,100
Pierce	34,500	33,800	27.0	27.6	932,600	29,500	28,200	22.0	23.0	648,400
Rolette	55,300	53,400	31.9	33.0	1,764,500	54,700	52,600	27.8	28.9	1,521,500
North Central	310,200	300,100	31.0	32.0	9,610,400	258,500	248,600	27.5	28.6	7,119,100
Cavalier	58,700	53,600	28.5	31.3	1,675,000	61,300	58,400	27.5	28.9	1,685,000
Grand Forks	5,400	5,400	34.3	34.3	185,000	6,600	6,600	38.3	38.3	253,000
Nelson	38,200	37,300	28.7	29.4	1,097,900	40,800	39,700	26.9	27.6	1,097,100
Pembina	0	0	0.0	0.0	0	1,000	1,000	44.0	44.0	44,000
Ramsey	88,900	85,400	28.4	29.6	2,525,600	76,000	72,500	26.0	27.2	1,973,400
Towner	102,700	97,700	26.2	27.5	2,690,700	107,300	100,300	21.6	23.1	2,318,800
Walsh	13,100	12,900	32.1	32.6	420,500	19,900	19,100	23.9	24.9	475,500
Northeast	307,000	292,300	28.0	29.4	8,594,700	312,900	297,600	25.1	26.4	7,846,300
Dunn	4,400	4,000	27.9	30.7	122,600	1,100	500	11.3	24.8	12,400
McKenzie	39,600	38,400	33.5	34.5	1,326,100	6,400	5,600	19.7	22.5	125,900
McLean	102,500	100,900	33.9	34.4	3,470,700	61,500	61,100	28.5	28.7	1,755,300
Mercer	9,900	9,900	35.1	35.1	347,500	3,100	3,100	30.5	30.5	94,500
Oliver	0	0	0.0	0.0	0	500	500	32.0	32.0	16,000
West Central	156,400	153,200	33.7	34.4	5,266,900	72,600	70,800	27.6	28.3	2,004,100
Eddy	4,300	4,300	28.6	28.6	122,800	3,700	3,200	23.6	27.3	87,200
Foster	5,400	5,000	22.5	24.3	121,500	8,400	7,800	23.4	25.2	196,500
Kidder	2,200	2,000	27.5	30.3	60,500	5,800	5,000	12.5	14.5	72,500
Sheridan	4,700	4,200	26.0	29.1	122,200	1,300	1,300	24.5	24.5	31,800
Stutsman	27,000	25,100	28.7	30.8	774,300	67,900	63,800	26.5	28.2	1,800,700
Wells	20,500	19,600	30.3	31.7	621,100	18,500	18,400	29.1	29.2	537,900
Central	64,100	60,200	28.4	30.3	1,822,400	105,600	99,500	25.8	27.4	2,726,600
Barnes	2,300	2,100	30.7	33.7	70,700	14,700	13,400	26.8	29.4	394,300
Cass	5,600	4,800	24.7	28.8	138,400	18,800	16,600	28.1	31.8	527,600
Griggs	2,900	2,700	23.8	25.5	68,900	4,600	4,300	21.5	23.0	99,100
Steele	1,000	1,000	34.0	34.0	34,000	3,400	3,400	33.5	33.5	114,000
Traill	1,100	1,100	30.0	30.0	33,000	4,900	4,900	22.0	22.0	108,000
East Central	12,900	11,700	26.7	29.5	345,000	46,400	42,600	26.8	29.2	1,243,000
Adams	7,600	6,400	25.7	30.5	195,200	2,900	1,900	14.4	22.0	41,800
Billings	0	0	0.0	0.0	0	0	0	0.0	0.0	0
Bowman	16,400	16,000	29.1	29.8	477,200	4,100	4,000	27.5	28.2	112,800
Golden Valley	9,800	9,000	26.7	29.1	262,100	200	200	24.5	24.5	4,900
Hettinger	16,900	16,500	34.4	35.3	582,000	5,600	5,500	31.6	32.2	177,000
Slope	6,500	6,200	29.5	30.9	191,600	2,000	1,800	22.2	24.7	44,400
Stark	6,800	6,700	34.0	34.5	231,300	6,200	5,800	32.2	34.4	199,700
Southwest	64,000	60,800	30.3	31.9	1,939,400	21,000	19,200	27.6	30.2	580,600
Burleigh	5,100	5,100	32.0	32.0	163,400	4,900	4,900	22.0	22.0	107,600
Emmons	1,200	1,000	21.6	25.9	25,900	3,200	2,500	13.8	17.6	44,100
Grant	1,300	1,200	20.8	22.6	27,100	1,100	1,100	30.8	30.8	33,900
Morton	1,100	800	21.7	29.9	23,900	800	400	7.6	15.3	6,100
Sioux	3,400	3,200	19.8	21.0	67,200	2,900	2,800	14.1	14.6	40,800
South Central	12,100	11,300	25.4	27.2	307,500	12,900	11,700	18.0	19.9	232,500
Dickey	2,500	2,000	24.5	30.7	61,300	28,700	26,200	25.0	27.4	716,700
LaMoure	12,800	9,400	17.2	23.4	219,700	11,100	9,700	18.9	21.7	210,300
Logan	4,200	3,300	20.8	26.5	87,500	2,400	1,900	16.8	21.2	40,300
McIntosh	5,600	3,900	20.7	29.7	115,800	7,400	7,100	14.9	15.5	110,200
Ransom	800	700	24.9	28.4	19,900	3,000	2,800	28.4	30.4	85,100
Richland	900	800	29.0	32.6	26,100	7,600	7,100	26.7	28.6	202,900
Sargent	2,500	2,400	17.5	18.3	43,800	9,400	8,600	22.2	24.3	209,000
Southeast	29,300	22,500	19.6	25.5	574,100	69,600	63,400	22.6	24.8	1,574,500
STATE	1,527,800	1,475,700	31.7	32.8	48,447,000	1,065,400	1,017,600	27.0	28.3	28,769,200

1/ See page 67 for irrigated acres.

WINTER WHEAT: Acreage, Yield and Production by County
North Dakota, 1985 (Revised) and 1986 (Preliminary)

District and County	1985					1986				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	11,000	3,500	4.6	14.5	50,800	4,000	2,700	19.9	29.5	79,700
Divide	6,000	3,500	8.8	15.0	52,500	8,000	7,800	26.3	27.0	210,600
Mountrail	8,500	5,500	21.7	33.5	184,300	5,000	4,500	27.5	30.5	137,300
Renville	10,000	7,000	30.5	43.5	304,500	2,500	2,400	26.4	27.5	66,000
Ward	21,500	11,500	18.8	35.2	404,900	2,500	2,400	28.8	30.0	72,000
Williams	13,000	7,000	8.1	15.0	105,000	28,000	25,200	20.8	23.1	581,400
Northwest	70,000	38,000	15.7	29.0	1,102,000	50,000	45,000	22.9	25.5	1,147,000
Benson	4,000	2,500	20.6	33.0	82,500	3,000	2,900	26.1	27.0	78,300
Bottineau	50,000	15,300	10.8	35.3	540,100	7,000	6,500	31.6	34.0	221,000
McHenry	13,000	8,000	17.8	29.0	232,000	6,000	5,800	26.2	27.1	157,200
Pierce	5,000	2,400	12.5	26.0	62,400	3,000	2,800	26.2	28.0	78,500
Rolette	3,000	800	8.7	32.5	26,000	1,000	1,000	35.0	35.0	35,000
North Central	75,000	29,000	12.6	32.5	943,000	20,000	19,000	28.5	30.0	570,000
Cavalier	5,000	3,800	35.0	46.0	174,800	500	500	30.0	30.0	15,000
Grand Forks	8,000	2,500	13.3	42.5	106,200	3,500	3,200	36.6	40.0	128,000
Nelson	6,000	2,600	15.7	36.3	94,400	3,000	2,600	22.5	25.9	67,400
Pembina	1,500	1,100	36.7	50.0	55,000	1,000	1,000	40.0	40.0	40,000
Ramsey	1,500	700	14.0	30.0	21,000	2,000	1,800	24.3	27.0	48,600
Towner	10,000	5,000	17.5	35.0	175,000	4,000	3,000	21.0	28.0	84,000
Walsh	6,000	2,300	18.6	48.5	111,600	1,000	900	27.0	30.0	27,000
Northeast	38,000	18,000	19.4	41.0	738,000	15,000	13,000	27.3	31.5	410,000
Dunn	8,000	5,300	23.2	35.0	185,500	6,500	6,500	28.0	28.0	182,000
McKenzie	17,000	6,400	5.3	14.0	89,600	10,500	9,500	19.2	21.2	201,400
McLean	19,000	14,900	31.0	39.6	589,900	15,000	14,100	29.6	31.5	444,000
Mercer	1,000	400	10.0	25.0	10,000	500	500	30.0	30.0	15,000
Oliver	5,000	4,000	19.2	24.0	96,000	2,500	2,400	32.6	34.0	81,600
West Central	50,000	31,000	19.4	31.3	971,000	35,000	33,000	26.4	28.0	924,000
Eddy	5,000	2,500	20.5	41.0	102,500	11,500	10,500	27.4	30.0	315,000
Foster	20,000	12,000	20.1	33.5	402,000	11,000	9,800	29.4	33.0	323,500
Kidder	3,000	2,500	17.5	21.0	52,500	2,000	1,800	18.0	20.0	36,000
Sheridan	12,000	4,800	12.4	31.0	148,800	6,000	5,500	19.3	21.0	115,500
Stutsman	40,000	28,500	23.5	33.0	941,900	29,500	27,400	26.0	28.0	768,000
Wells	10,000	3,700	10.7	29.0	107,300	20,000	18,000	26.1	29.0	522,000
Central	90,000	54,000	19.5	32.5	1,755,000	80,000	73,000	26.0	28.5	2,080,000
Barnes	54,000	30,000	20.7	37.2	1,117,400	30,000	28,000	32.2	34.5	966,000
Cass	36,000	19,200	25.6	48.0	921,600	10,000	9,400	36.7	39.0	366,600
Griggs	15,000	7,000	21.0	45.0	315,000	10,000	9,500	30.4	32.0	304,000
Steele	12,000	4,300	12.5	35.0	150,500	4,000	3,400	29.8	35.0	119,000
Traill	8,000	4,500	24.2	43.0	193,500	1,000	700	29.4	42.0	29,400
East Central	125,000	65,000	21.6	41.5	2,698,000	55,000	51,000	32.5	35.0	1,785,000
Adams	15,000	12,000	18.4	23.0	276,000	16,500	16,000	22.8	23.5	376,000
Billings	4,000	1,500	6.8	18.0	27,000	1,500	1,400	15.9	17.0	23,800
Bowman	10,500	8,700	16.2	19.5	169,700	7,000	6,800	16.5	17.0	115,500
Golden Valley	11,500	6,500	10.5	18.5	120,300	9,000	8,500	22.2	23.5	200,000
Hettinger	21,000	10,000	16.1	33.7	337,100	30,000	28,000	27.6	29.6	828,200
Slope	7,000	5,600	18.4	23.0	128,800	11,000	10,500	24.3	25.5	267,500
Stark	23,000	8,700	8.1	21.5	187,100	5,000	4,800	25.4	26.5	127,000
Southwest	92,000	53,000	13.5	23.5	1,246,000	80,000	76,000	24.2	25.5	1,938,000
Burleigh	8,000	7,000	21.6	24.7	173,100	6,000	5,200	27.8	32.0	166,500
Emmons	5,000	4,200	29.0	34.5	144,900	5,000	4,500	25.2	28.0	126,000
Grant	6,000	3,100	16.5	32.0	99,200	7,000	6,100	27.0	31.0	189,000
Morton	7,000	5,000	20.7	29.0	145,000	5,000	4,400	28.2	32.0	141,000
Sioux	4,000	2,700	16.2	24.0	64,800	2,000	1,800	24.3	26.9	48,500
South Central	30,000	22,000	20.9	28.5	627,000	25,000	22,000	26.8	30.5	671,000
Dickey	32,000	28,500	34.3	38.5	1,097,300	45,000	42,500	26.4	28.0	1,190,000
LaMoure	28,000	14,400	21.1	41.0	590,400	35,000	32,500	26.9	29.0	943,000
Logan	6,000	5,400	27.0	30.0	162,000	6,500	5,800	24.3	27.2	158,000
McIntosh	3,000	2,700	22.5	25.0	67,500	3,500	3,400	24.3	25.0	85,000
Ransom	23,000	11,000	20.3	42.5	467,500	17,000	15,000	29.1	3 .0	495,000
Richland	15,000	12,000	33.6	42.0	504,000	3,000	2,800	32.7	35.0	98,000
Sargent	73,000	66,000	38.1	42.1	2,781,300	50,000	46,000	28.5	31.0	1,426,000
Southeast	180,000	140,000	31.5	40.5	5,670,000	160,000	148,000	27.5	29.7	4,395,000
STATE	750,000	450,000	21.0	35.0	15,750,000	520,000	480,000	26.8	29.0	13,920,000
North Dakota Totals by Special Cropping Practices										
Summer Fallow	363,300	170,300	17.5	37.4	6,368,800	223,500	208,700	28.4	30.5	6,356,200
Cont. Cropping	386,700	279,700	24.3	33.5	9,381,200	296,500	271,300	25.5	27.9	7,563,800
Irrigated	- - - - - N O N E - - - - -					- - - - - N O N E - - - - -				

RYE: Acreage, Yield and Production by County
North Dakota, 1985 (Revised) and 1986 (Preliminary)

District and County	1985					1986				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	1,200	1,000	25.0	30.0	30,000	1,700	1,400	28.8	35.0	49,000
Divide	1,000	900	13.5	15.0	13,500	5,000	4,900	33.3	34.0	166,600
Mountrail	3,000	2,000	18.7	28.0	56,000	1,600	1,500	32.8	35.0	52,500
Renville	800	600	22.9	30.5	18,300	700	600	24.9	29.0	17,400
Ward	1,800	1,400	21.8	28.0	39,200	1,200	1,100	22.9	25.0	27,500
Williams	3,200	2,300	12.4	17.3	39,800	12,800	12,500	32.3	33.0	413,000
Northwest	11,000	8,200	17.9	24.0	196,800	23,000	22,000	31.6	33.0	726,000
Benson	1,000	500	13.0	26.0	13,000	1,700	1,700	23.2	23.2	39,500
Bottineau	5,500	2,500	15.0	33.0	82,500	7,000	7,000	33.5	33.5	234,500
McHenry	9,500	8,000	24.4	28.9	231,500	9,100	9,000	36.1	36.5	328,500
Pierce	2,500	2,000	18.4	23.0	46,000	4,200	4,100	29.3	30.0	123,000
Rolette	2,500	2,000	24.8	31.0	62,000	4,000	3,000	16.9	22.5	67,500
North Central	21,000	15,000	20.7	29.0	435,000	26,000	24,800	30.5	32.0	793,000
Cavalier	200	100	12.0	24.0	2,400	200	200	30.0	30.0	6,000
Grand Forks	200	100	14.0	28.0	2,800	300	300	31.0	31.0	9,300
Nelson	600	300	15.0	30.0	9,000	800	700	26.3	30.0	21,000
Pembina	800	500	17.5	28.0	14,000	600	500	25.8	31.0	15,500
Ramsey	---	---	---	---	---	100	100	30.0	30.0	3,000
Towner	1,000	700	19.2	27.4	19,200	800	700	28.9	33.0	23,100
Walsh	200	100	15.0	30.0	3,000	200	200	29.0	29.0	5,800
Northeast	3,000	1,800	16.8	28.0	50,400	3,000	2,700	27.9	31.0	83,700
Dunn	2,400	2,100	31.1	35.5	74,600	1,300	1,200	35.1	38.0	45,600
McKenzie	100	100	21.0	21.0	2,100	400	400	38.0	38.0	15,200
McLean	3,200	2,900	32.8	36.2	104,900	2,600	2,400	30.5	33.0	79,200
Mercer	1,100	1,000	45.5	50.0	50,000	500	500	39.2	39.2	19,600
Oliver	200	100	20.0	40.0	4,000	200	200	36.0	36.0	7,200
West Central	7,000	6,200	33.7	38.0	235,600	5,000	4,700	33.4	35.5	166,800
Eddy	2,000	1,200	22.8	38.0	45,600	3,200	3,000	30.9	33.0	99,000
Foster	1,200	700	23.3	40.0	28,000	1,000	800	34.0	42.5	34,000
Kidder	1,300	1,200	32.3	35.0	42,000	3,000	2,600	17.3	20.0	52,000
Sheridan	1,200	700	15.2	26.0	18,200	600	600	26.7	26.7	16,000
Stutsman	1,700	1,400	33.1	40.1	56,200	8,700	8,100	32.6	35.0	283,500
Wells	600	500	25.0	30.0	15,000	3,000	2,900	42.5	44.0	127,500
Central	8,000	5,700	25.6	36.0	205,000	19,500	18,000	31.4	34.0	612,000
Barnes	700	600	40.4	47.2	28,300	1,500	1,400	34.5	37.0	51,800
Cass	200	200	52.0	52.0	10,400	400	300	41.3	55.0	16,500
Griggs	100	100	45.0	45.0	4,500	100	100	37.0	37.0	3,700
East Central	1,000	900	43.2	48.0	43,200	2,000	1,800	36.0	40.0	72,000
Adams	3,000	2,400	27.2	34.0	81,600	4,900	4,700	36.0	37.6	176,600
Billings	1,000	700	11.9	17.0	11,900	500	300	22.8	38.0	11,400
Bowman	2,600	2,200	25.4	30.0	66,000	2,700	2,600	36.1	37.5	97,500
Golden Valley	100	100	18.0	18.0	1,800	200	100	15.0	30.0	3,000
Hettinger	4,100	3,300	24.4	30.3	100,000	3,700	3,600	34.1	35.0	126,000
Slope	3,000	2,100	15.4	22.0	46,200	2,600	2,300	31.0	35.0	80,500
Stark	4,200	3,200	25.1	33.0	105,500	4,400	3,900	26.6	30.0	117,000
Southwest	18,000	14,000	22.9	29.5	413,000	19,000	17,500	32.2	35.0	612,000
Burleigh	2,000	1,900	23.8	25.0	47,500	2,600	2,400	24.0	26.0	62,400
Emmons	2,000	1,900	24.7	26.0	49,400	1,500	1,300	29.0	33.5	43,500
Grant	4,500	4,200	30.5	32.7	137,300	4,300	3,800	32.0	36.2	137,500
Morton	900	800	23.1	26.0	20,800	1,200	700	22.2	38.0	26,600
Sioux	600	500	25.0	30.0	15,000	1,400	1,300	27.9	30.0	39,000
South Central	10,000	9,300	27.0	29.0	270,000	11,000	9,500	28.1	32.5	309,000
Dickey	5,500	5,100	39.9	43.0	219,300	7,200	6,700	32.1	34.5	231,000
LaMoure	6,000	5,100	39.1	46.0	234,500	8,600	7,700	36.3	40.5	312,000
Logan	800	500	17.5	28.0	14,000	1,100	900	26.2	32.0	28,800
McIntosh	3,600	3,400	29.3	31.0	105,400	5,500	5,400	31.5	32.0	173,000
Ransom	1,100	1,000	43.6	48.0	48,000	1,700	1,100	29.1	45.0	49,500
Richland	1,500	1,400	36.4	39.0	54,600	1,100	1,000	34.5	38.0	38,000
Sargent	2,500	2,400	46.1	48.0	115,200	1,300	1,200	33.2	36.0	43,200
Southeast	21,000	18,900	37.7	41.9	791,000	26,500	24,000	33.0	36.5	875,500
STATE	100,000	80,000	26.4	33.0	2,640,000	135,000	125,000	31.5	34.0	4,250,000

BARLEY: Acreage, Yield and Production by County
North Dakota, 5-Year Average, 1981-85 and 1985 (Revised)

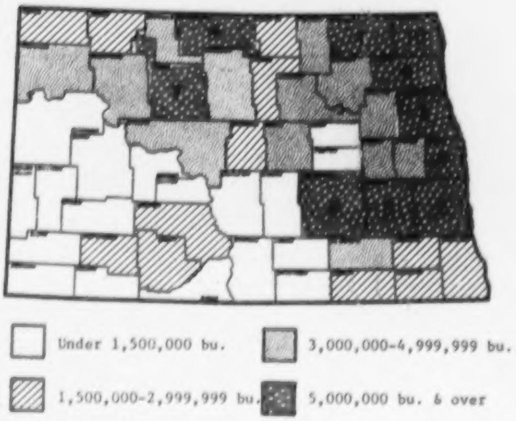
District and County	5-Year Average, 1981-85 1/					1985				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	33,000	31,400	34.0	35.5	1,107,400	55,000	50,000	32.3	35.5	1,775,000
Divide	40,200	35,800	28.7	30.2	966,200	66,000	49,000	13.0	17.5	858,000
Mountrail	38,000	36,200	36.6	38.9	1,377,400	64,000	59,000	39.6	43.0	2,537,000
Renville	61,000	60,300	46.0	46.5	2,906,400	89,000	87,000	55.2	56.5	4,916,000
Ward	71,200	70,500	49.4	50.0	3,623,200	113,000	112,000	61.2	61.8	6,921,000
Williams	48,600	44,100	29.5	31.6	1,201,200	88,000	72,000	16.4	20.0	1,440,000
Northwest	292,000	278,400	39.1	40.7	11,181,800	475,000	429,000	38.8	43.0	18,447,000
Benson	57,400	56,500	42.9	43.7	2,489,800	80,000	80,000	47.5	47.5	3,800,000
Bottineau	122,000	121,000	46.0	46.4	5,740,600	171,000	171,000	59.5	59.5	10,168,000
McHenry	39,400	39,000	47.5	48.0	1,883,000	58,000	58,000	53.5	53.5	3,103,000
Pierce	41,600	41,200	43.4	43.8	1,791,800	60,000	60,000	44.5	44.5	2,670,000
Rolette	47,600	46,700	44.1	45.0	2,115,800	61,000	61,000	53.5	53.5	3,264,000
North Central	308,000	304,400	44.9	45.5	14,021,000	430,000	430,000	53.5	53.5	23,005,000
Cavalier	191,400	183,400	50.6	53.0	9,697,400	210,000	180,000	55.9	65.3	11,746,000
Grand Forks	155,800	152,800	59.4	60.5	9,237,400	160,000	160,000	67.0	67.0	10,720,000
Nelson	63,200	62,600	52.7	53.3	3,363,400	82,000	82,000	58.5	58.5	4,797,000
Pembina	83,000	80,400	62.8	64.7	5,268,400	94,000	94,000	73.0	73.0	6,862,000
Ramsey	84,400	82,800	46.7	47.7	4,017,000	110,000	109,000	54.5	55.0	5,995,000
Towner	91,400	88,200	42.8	44.5	3,974,800	110,000	104,000	52.0	55.0	5,720,000
Walsh	99,400	95,800	55.9	58.0	5,574,400	112,000	103,000	58.9	64.0	6,592,000
Northeast	768,600	746,000	53.2	54.8	41,132,800	878,000	832,000	59.7	63.0	52,432,000
Dunn	18,000	16,600	37.4	39.8	664,400	28,000	23,000	32.9	40.0	920,000
McKenzie	23,600	20,200	30.9	34.6	674,200	37,000	27,000	20.4	28.0	756,000
McLean	32,000	31,800	45.1	45.6	1,452,200	63,000	63,000	49.4	49.4	3,110,000
Mercer	8,700	8,100	41.2	43.9	371,800	15,000	14,000	53.7	57.5	805,000
Oliver	9,900	9,800	44.5	45.0	439,800	15,000	15,000	48.5	48.5	728,000
West Central	92,200	86,500	39.5	41.7	3,602,400	158,000	142,000	40.0	44.5	6,319,000
Eddy	14,200	13,900	44.3	45.7	628,600	24,000	23,000	45.0	47.0	1,081,000
Foster	13,200	12,900	48.4	49.6	649,800	20,000	20,000	51.0	51.0	1,020,000
Kidder	14,000	13,600	38.9	40.0	545,800	21,000	20,000	39.5	41.5	830,000
Sheridan	18,600	17,900	42.7	45.0	827,600	29,000	29,000	50.0	50.0	1,450,000
Stutsman	63,400	61,600	47.4	48.7	3,023,800	117,000	114,000	46.5	47.7	5,440,000
Wells	49,200	48,900	46.6	47.0	2,297,000	72,000	72,000	47.0	47.0	3,384,000
Central	172,600	168,800	45.9	47.0	7,972,600	283,000	278,000	46.7	47.5	13,205,000
Barnes	133,200	130,200	52.9	54.1	7,082,200	159,000	153,000	54.8	57.0	8,721,000
Cass	177,400	175,600	64.0	64.7	11,335,200	182,000	181,000	74.2	74.6	13,500,000
Griggs	52,400	51,100	54.3	55.7	2,867,600	69,000	68,000	59.6	60.5	4,114,000
Steele	87,600	86,400	57.7	58.5	5,064,200	96,000	96,000	65.0	65.0	6,240,000
Traill	120,200	118,500	65.1	66.0	7,812,800	113,000	113,000	74.0	74.0	8,362,000
East Central	570,800	561,800	59.7	60.7	34,162,000	619,000	611,000	66.1	67.0	40,937,000
Adams	13,800	13,200	36.5	38.1	552,200	26,000	24,000	34.4	37.3	895,000
Billings	3,600	2,700	22.0	26.9	73,600	6,000	3,000	10.0	20.0	60,000
Bowman	20,800	18,300	30.3	34.2	656,400	29,000	23,000	22.6	28.5	656,000
Golden Valley	15,000	13,300	31.8	35.5	449,800	22,000	18,000	22.5	27.5	495,000
Hettinger	27,800	27,400	39.3	40.0	1,131,000	45,000	45,000	39.5	39.5	1,778,000
Slope	18,600	16,900	37.4	40.8	685,600	28,000	25,000	30.8	34.5	863,000
Stark	20,000	18,500	31.5	34.6	665,800	32,000	29,000	31.7	35.0	1,015,000
Southwest	119,600	110,200	34.6	37.6	4,214,400	188,000	167,000	30.6	34.5	5,762,000
Burleigh	15,800	15,400	38.0	39.4	607,400	25,000	25,000	40.5	40.5	1,012,000
Emmons	14,400	14,000	39.3	40.6	597,000	25,000	24,000	38.9	40.5	972,000
Grant	23,000	21,400	36.5	39.0	873,200	36,000	33,000	40.3	44.0	1,452,000
Morton	33,400	31,400	39.6	42.6	1,362,800	53,000	52,000	44.9	45.8	2,382,000
Sioux	4,000	3,800	34.0	37.0	144,200	7,000	7,000	35.0	35.0	245,000
South Central	90,600	86,000	38.2	40.6	3,584,600	146,000	141,000	41.5	43.0	6,063,000
Dickey	38,200	37,600	47.0	47.9	1,841,600	55,000	55,000	52.0	52.0	2,860,000
LaMoure	36,800	36,200	47.1	47.7	1,777,000	60,000	58,000	49.8	51.5	2,987,000
Logan	19,200	18,700	41.5	42.8	837,400	33,000	33,000	45.0	45.0	1,485,000
McIntosh	14,200	13,900	37.3	38.4	546,400	27,000	27,000	36.0	36.0	972,000
Ransom	34,200	33,700	51.7	52.5	1,799,000	45,000	44,000	58.6	60.0	2,639,000
Richland	52,800	51,800	57.4	58.6	3,059,400	60,000	60,000	72.0	72.0	4,320,000
Sargent	30,200	29,900	51.9	52.3	1,619,600	43,000	43,000	65.5	65.5	2,817,000
Southeast	225,600	221,900	49.7	50.6	11,480,400	323,000	320,000	56.0	56.5	18,080,000
STATE	2,640,000	2,564,000	49.5	50.9	131,352,000	3,500,000	3,350,000	52.6	55.0	184,250,000

1/ Totals may not add due to rounding.

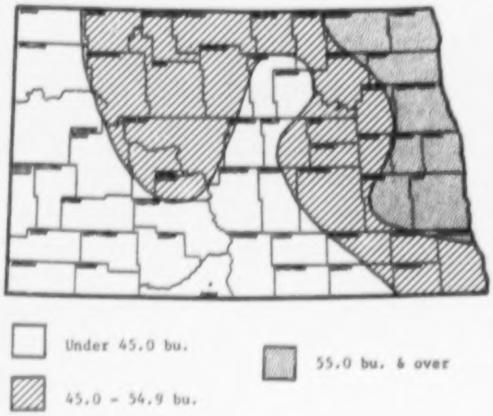
BARLEY: Acreage, Yield and Production by County
North Dakota, 1986 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	60,000	53,500	42.8	48.0	2,568,000
Divide	65,000	60,000	39.7	43.0	2,580,000
Mountrail	70,000	68,200	48.7	50.0	3,410,000
Renville	90,000	89,200	50.5	51.0	4,549,000
Ward	125,000	123,500	53.4	54.1	6,678,000
Williams	80,000	76,600	41.2	43.0	3,294,000
Northwest	490,000	471,000	47.1	49.0	23,079,000
Benson	80,000	73,000	37.9	41.5	3,030,000
Bottineau	175,000	169,000	49.3	51.0	8,619,000
McHenry	80,000	78,500	49.6	50.5	3,965,000
Pierce	65,000	63,500	37.3	38.2	2,427,000
Rolette	60,000	57,000	48.5	51.0	2,907,000
North Central	460,000	441,000	45.5	47.5	20,948,000
Cavalier	200,000	194,500	54.5	56.0	10,892,000
Grand Forks	155,000	150,000	57.6	59.5	8,925,000
Nelson	80,000	79,000	52.3	53.0	4,187,000
Pembina	90,000	84,000	57.4	61.5	5,168,000
Ramsey	110,000	101,000	42.2	46.0	4,646,000
Towner	105,000	99,500	43.6	46.0	4,577,000
Walsh	100,000	99,000	59.9	60.5	5,990,000
Northeast	840,000	807,000	52.8	55.0	44,385,000
Dunn	30,000	27,000	37.8	42.0	1,134,000
McKenzie	35,000	30,500	37.9	43.5	1,327,000
McLean	94,000	91,000	48.9	50.5	4,595,000
Mercer	15,000	13,000	42.1	48.5	631,000
Oliver	16,000	15,500	45.1	46.5	721,000
West Central	190,000	177,000	44.3	47.5	8,408,000
Eddy	30,000	29,500	49.2	50.0	1,475,000
Foster	28,000	27,500	51.6	52.5	1,444,000
Kidder	27,000	26,500	38.8	39.5	1,047,000
Sheridan	35,000	34,500	43.4	44.0	1,518,000
Stutsman	125,000	118,000	51.1	54.1	6,383,000
Wells	75,000	74,000	46.4	47.0	3,478,000
Central	320,000	310,000	48.0	49.5	15,345,000
Barnes	145,000	142,500	58.0	59.0	8,408,000
Cass	170,000	168,500	59.1	59.6	10,045,000
Griggs	65,000	64,000	49.2	50.0	3,200,000
Steele	80,000	79,000	62.2	63.0	4,977,000
Traill	110,000	109,000	61.9	62.5	6,813,000
East Central	570,000	563,000	58.7	59.4	33,443,000
Adams	25,000	24,000	37.4	39.0	936,000
Billings	5,000	4,000	28.0	35.0	140,000
Bowman	26,000	22,500	29.8	34.5	776,000
Golden Valley	20,000	18,000	33.3	37.0	666,000
Hettinger	56,000	55,200	44.3	44.9	2,479,000
Slope	28,000	26,000	38.1	41.0	1,066,000
Stark	40,000	37,300	35.4	38.0	1,417,000
Southwest	200,000	187,000	37.4	40.0	7,480,000
Burleigh	35,000	32,800	40.3	43.0	1,410,000
Emmons	35,000	31,200	37.4	42.0	1,310,000
Grant	50,000	46,800	39.3	42.0	1,965,000
Morton	60,000	50,000	37.5	45.0	2,248,000
Sioux	10,000	9,200	37.7	41.0	377,000
South Central	190,000	170,000	38.5	43.0	7,310,000
Dickey	60,000	58,500	43.9	43.0	2,635,000
LaMoure	73,000	70,500	49.2	51.0	3,592,000
Logan	34,000	32,000	40.0	42.5	1,360,000
McIntosh	29,000	26,500	35.2	38.5	1,021,000
Ransom	45,000	43,500	49.3	51.0	2,220,000
Richland	55,000	52,000	50.1	53.0	2,756,000
Sargent	44,000	41,000	44.7	48.0	1,968,000
Southeast	340,000	324,000	45.7	48.0	15,552,000
STATE	3,600,000	3,450,000	48.9	51.0	175,950,000

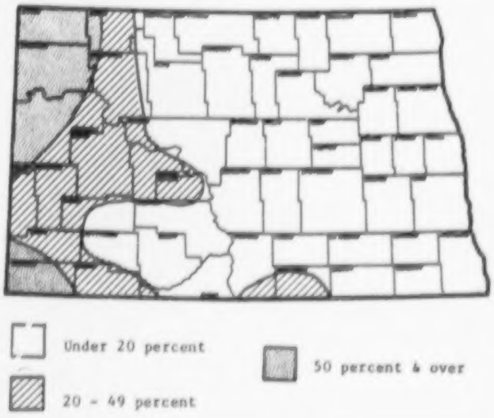
BARLEY, 1986 - Production by County
(Rank of First Ten Counties Shown)



BARLEY, 1986 - Yield per Harvested Acre
(Bushels)



BARLEY, 1986
Percent Planted on Summer Fallow



BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by County, North Dakota, 1985 (Revised) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	21,900	21,000	35.9	37.4	785,600	33,100	29,000	29.9	34.1	989,400
Divide	50,600	38,000	13.1	17.4	662,900	15,300	10,900	12.3	17.2	187,900
Mountrail	26,500	23,100	35.8	41.1	948,500	37,500	35,900	42.4	44.2	1,588,500
Renville	16,800	16,100	52.3	54.6	878,500	72,200	70,900	55.9	56.9	4,037,500
Ward	15,400	15,400	53.1	53.1	817,700	97,500	96,500	62.5	63.2	6,098,300
Williams	72,400	60,500	17.7	21.2	1,284,700	15,500	11,400	9.6	13.1	149,100
Northwest	203,600	174,100	26.4	30.9	5,377,900	271,100	254,600	48.1	51.3	13,050,700
Benson	11,000	11,000	49.9	49.9	549,300	68,900	68,900	47.1	47.1	3,242,700
Bottineau	25,100	25,100	59.0	59.0	1,481,800	145,900	145,900	59.5	59.5	8,686,200
McHenry	10,200	10,200	54.6	54.6	557,300	47,800	47,800	53.3	53.3	2,545,700
Pierce	9,700	9,700	43.3	43.3	420,100	50,300	50,300	44.7	44.7	2,249,900
Rolette	5,700	5,700	45.6	45.6	259,700	55,200	55,200	54.3	54.3	2,996,300
North Central	61,700	61,700	53.0	53.0	3,268,200	368,100	368,100	53.6	53.6	19,720,800
Cavalier	10,100	10,100	62.5	62.5	631,600	199,900	169,900	55.6	65.4	11,114,400
Grand Forks	10,100	10,100	56.2	56.2	567,900	149,900	149,900	67.7	67.7	10,152,100
Nelson	8,400	8,400	67.4	67.4	566,500	73,500	73,500	57.5	57.5	4,225,500
Pembina	4,900	4,900	67.1	67.1	328,700	89,100	89,100	73.3	73.3	6,533,300
Ramsey	9,900	9,500	51.4	53.5	508,600	100,100	99,500	54.8	55.1	5,486,400
Towner	10,900	10,700	51.7	52.7	563,400	99,100	93,300	52.0	55.3	5,156,600
Walsh	13,000	12,600	57.6	59.4	748,500	99,000	90,400	59.0	64.6	5,843,500
Northeast	67,300	66,300	58.2	59.1	3,915,200	810,600	765,600	59.8	63.4	48,511,800
Dunn	7,600	6,500	40.2	47.0	305,500	20,400	16,500	30.1	37.2	614,500
McKenzie	20,400	15,100	20.7	27.9	422,000	15,800	11,100	16.7	23.8	264,200
McLean	9,500	9,500	51.1	51.1	485,900	53,300	53,300	48.9	48.9	2,608,800
Mercer	3,100	2,800	56.7	62.8	175,800	11,900	11,200	52.9	56.2	629,200
Oliver	1,500	1,500	57.7	57.7	86,600	13,400	13,400	47.2	47.2	632,800
West Central	42,100	35,400	35.1	41.7	1,475,800	114,800	105,500	41.4	45.0	4,749,500
Eddy	3,600	3,500	48.3	49.6	173,700	20,200	19,300	44.1	46.2	891,300
Foster	800	800	56.9	56.9	45,500	19,000	19,000	50.4	50.4	958,500
Kidder	1,100	900	33.1	40.4	36,400	19,800	19,000	39.8	41.4	787,500
Sheridan	1,900	1,900	55.2	55.2	104,900	27,100	27,100	49.6	49.6	1,345,100
Stutsman	14,700	14,300	49.7	51.1	730,300	102,300	99,700	46.0	47.2	4,709,700
Wells	8,200	8,200	42.1	42.1	345,300	63,800	63,800	47.6	47.6	3,038,700
Central	30,300	29,600	47.4	48.5	1,436,100	252,200	247,900	46.5	47.3	11,730,800
Barnes	5,900	5,800	62.0	63.1	366,000	153,000	147,100	54.6	56.7	8,347,000
Cass	6,600	6,300	58.2	61.0	384,400	175,400	174,700	74.8	75.1	13,115,600
Griggs	2,600	2,500	63.5	66.1	165,200	65,800	64,900	59.2	60.0	3,894,800
Steele	6,300	6,300	63.9	63.9	402,400	89,700	89,700	65.1	65.1	5,837,600
Traill	4,500	4,500	77.7	77.7	349,500	108,500	108,500	73.8	73.8	8,012,500
East Central	25,900	25,400	64.4	65.6	1,667,500	592,400	584,900	66.2	67.0	39,207,500
Adams	8,800	8,200	39.1	42.0	344,400	17,200	15,800	32.0	34.8	550,600
Billings	1,100	900	21.6	26.4	23,800	4,900	2,100	7.4	17.2	36,200
Bowman	16,200	13,000	25.4	31.6	411,000	12,800	10,000	19.1	24.5	245,000
Golden Valley	6,500	5,700	24.8	28.3	161,400	15,500	12,300	21.5	27.1	333,600
Hettinger	11,900	11,900	37.1	37.1	441,700	33,100	33,100	40.4	40.4	1,336,300
Slope	12,600	11,800	38.2	40.8	481,500	15,400	13,200	24.8	28.9	381,500
Stark	7,700	6,500	35.8	42.4	275,800	24,300	22,500	30.4	32.9	739,200
Southwest	64,800	58,000	33.0	36.9	2,139,600	123,200	109,000	29.4	33.2	3,622,400
Burleigh	5,600	5,600	50.8	50.8	284,500	19,400	19,400	37.5	37.5	727,500
Emmons	1,300	1,200	49.1	53.2	63,800	23,600	22,700	38.1	39.7	900,200
Grant	9,000	8,800	52.9	54.1	476,000	26,900	24,100	36.0	40.2	968,500
Morton	9,800	9,600	54.4	55.5	532,700	43,100	42,300	42.7	43.5	1,841,800
Sioux	2,400	2,400	37.1	37.1	89,000	4,600	4,600	33.9	33.9	156,000
South Central	28,100	27,600	51.5	52.4	1,446,000	117,600	113,100	39.1	40.6	4,594,000
Dickey	5,200	5,200	55.7	55.7	289,400	49,400	49,400	51.3	51.3	2,532,200
LaMoure	4,900	4,900	42.4	42.4	207,900	55,100	53,100	50.4	52.3	2,779,100
Logan	6,400	6,400	46.2	46.2	295,530	26,500	26,500	44.6	44.6	1,181,500
McIntosh	6,100	6,100	33.7	33.7	205,600	20,900	20,900	36.7	36.7	766,400
Ransom	4,300	3,900	58.5	64.5	251,400	40,400	39,800	58.5	59.4	2,365,100
Richland	800	800	77.3	77.3	61,800	59,200	59,200	71.9	71.9	4,258,200
Sargent	4,100	4,100	77.0	77.0	315,600	38,900	38,900	64.3	64.3	2,501,400
Southeast	31,800	31,400	51.2	51.8	1,627,200	290,400	287,800	56.4	56.9	16,383,900
STATE	555,600	509,500	40.2	43.9	22,353,500	2,940,400	2,836,500	54.9	57.0	161,571,400

1/ See page 66 for irrigated acres.

BARLEY: Acreage, Yield and Production for Summer Fallow and Continuous Cropping by County, North Dakota, 1986 (Preliminary) 1/

District and County	Summer Fallow					Continuous Cropping				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	19,800	19,000	46.2	48.2	915,700	40,200	34,500	41.1	47.9	1,652,300
Divide	41,000	39,700	43.1	44.5	1,765,400	24,000	20,300	33.9	40.1	814,600
Mountrail	21,300	20,400	50.4	52.6	1,072,700	48,700	47,800	48.0	48.9	2,337,300
Renville	11,700	11,600	49.5	49.9	578,700	78,300	77,600	50.7	51.2	3,970,300
Ward	19,500	19,400	50.1	50.3	976,000	105,300	103,900	54.0	54.8	5,691,000
Williams	56,600	56,100	45.7	46.1	2,583,900	23,100	20,200	29.8	34.1	689,400
Northwest	169,900	166,200	46.5	47.5	7,892,400	319,600	304,300	47.4	49.8	15,154,900
Benson	9,400	9,000	34.8	36.3	327,000	70,500	63,900	38.2	42.2	2,695,500
Bottineau	22,900	20,700	45.3	50.1	1,038,000	152,100	148,300	49.8	51.1	7,581,000
McHenry	5,100	5,000	46.2	47.1	235,400	74,800	73,400	49.8	50.7	3,722,100
Pierce	5,500	5,300	38.6	40.1	212,500	59,500	58,200	37.2	38.0	2,214,500
Rolette	6,900	6,800	42.2	42.8	291,300	53,000	50,100	49.2	52.1	2,608,700
North Central	49,800	46,800	42.3	45.0	2,104,200	409,900	393,900	45.9	47.8	18,821,800
Cavalier	7,600	7,600	60.6	60.6	460,200	192,400	186,900	54.2	55.8	10,431,800
Grand Forks	6,500	6,500	52.9	52.9	343,900	148,400	143,400	57.8	59.8	8,573,100
Nelson	9,300	8,700	44.0	47.1	409,600	70,700	70,300	53.4	53.7	3,777,400
Pembina	8,800	3,600	24.4	59.5	214,300	81,200	80,400	61.0	61.6	4,953,700
Ramsey	10,900	10,100	46.3	50.0	505,100	99,000	90,800	41.8	45.5	4,133,900
Towner	5,800	5,200	42.4	47.3	245,700	99,200	94,300	43.7	45.9	4,331,300
Walsh	3,400	3,400	54.2	54.2	184,300	96,600	95,600	60.1	60.7	5,805,700
Northeast	52,300	45,100	45.2	52.4	2,363,100	787,500	761,700	53.3	55.1	42,006,900
Dunn	6,500	6,300	35.4	36.5	230,000	23,500	20,700	38.5	43.7	904,000
McKenzie	21,400	19,200	39.0	43.5	834,500	12,200	10,000	31.0	37.9	378,600
McLean	16,800	15,900	43.9	46.4	738,100	77,000	74,900	49.9	51.3	3,840,900
Mercer	4,000	3,900	56.2	57.6	224,700	11,000	9,100	36.9	44.6	406,300
Oliver	3,900	3,900	58.5	58.5	228,000	11,400	11,000	40.6	42.1	463,000
West Central	52,600	49,200	42.9	45.8	2,255,300	135,100	125,700	44.4	47.7	5,992,800
Eddy	5,100	5,100	51.3	51.3	261,700	24,500	24,000	48.2	49.2	1,181,300
Foster	1,100	1,100	62.5	62.5	68,800	26,700	26,200	50.9	51.9	1,360,200
Kidder	3,200	3,200	49.9	49.9	159,600	23,500	23,000	36.9	37.7	867,900
Sheridan	4,500	4,400	53.1	54.3	238,800	30,500	30,100	41.9	42.5	1,279,200
Stutsman	2,900	2,800	47.9	49.6	139,000	122,100	115,200	51.1	54.2	6,244,000
Wells	6,700	6,700	50.7	50.7	339,500	68,300	67,300	46.0	46.6	3,138,500
Central	23,500	23,300	51.4	51.8	1,207,400	295,600	285,800	47.6	49.2	14,071,100
Barnes	6,200	6,100	55.6	56.5	344,700	138,800	136,400	58.1	59.1	8,063,300
Cass	10,400	10,200	55.8	56.9	580,000	159,600	158,300	59.3	59.8	9,465,000
Griggs	5,700	5,600	53.8	54.8	306,700	58,900	58,000	48.7	49.4	2,867,300
Steele	2,400	2,300	52.1	54.4	125,100	77,600	76,700	62.5	63.3	4,851,900
Traill	5,100	5,100	66.6	66.6	339,600	104,900	103,900	61.7	62.3	6,473,400
East Central	29,800	29,300	56.9	57.9	1,696,100	539,800	533,300	58.8	59.5	31,720,900
Adams	6,400	6,100	37.6	39.5	240,700	18,600	17,900	37.4	38.8	695,300
Billings	400	400	42.3	42.3	16,900	4,600	3,600	26.8	34.2	123,100
Bowman	18,000	15,800	29.4	33.5	529,400	8,000	6,700	30.8	36.8	246,600
Golden Valley	8,700	8,200	33.5	35.5	291,500	10,900	9,400	31.8	36.9	346,500
Hettinger	9,900	9,600	38.5	39.7	381,000	46,100	45,600	45.5	46.0	2,098,000
Slope	13,400	13,400	42.2	42.2	566,000	14,600	12,600	34.2	39.7	500,000
Stark	7,800	7,800	41.2	41.2	321,200	32,200	29,500	34.0	37.1	1,095,800
Southwest	64,600	61,300	36.3	38.3	2,346,700	135,000	125,300	37.8	40.7	5,105,300
Burleigh	3,300	3,200	52.0	53.6	171,500	31,200	29,100	38.6	41.4	1,203,500
Emmons	3,400	1,100	9.1	28.2	31,000	31,000	29,600	40.1	42.0	1,244,000
Grant	9,200	7,900	38.0	44.2	349,500	40,700	38,800	39.5	41.5	1,609,000
Morton	11,800	11,800	48.2	48.2	568,700	48,100	38,100	34.8	43.9	1,671,800
Sioux	500	300	24.6	41.0	12,300	9,500	8,900	38.4	41.0	364,700
South Central	28,200	24,300	40.2	46.6	1,133,000	160,500	144,500	38.0	42.2	6,093,000
Dickey	1,000	900	39.5	43.9	39,500	58,300	56,900	43.8	44.8	2,551,000
LaMoure	8,800	8,800	50.5	50.5	444,300	63,900	61,400	49.0	51.0	3,131,200
Logan	3,600	3,600	44.7	44.7	161,000	30,300	28,300	39.4	42.2	1,194,000
McIntosh	6,700	6,000	34.2	38.2	229,400	22,300	20,500	35.5	38.6	791,600
Ransom	1,500	1,300	41.3	47.6	61,900	43,200	41,900	49.5	51.1	2,140,100
Richland	400	400	38.3	38.3	15,300	54,600	51,600	50.2	53.1	2,740,700
Sargent	2,200	2,000	31.5	34.6	69,200	41,700	38,900	45.3	48.6	1,890,300
Southeast	24,200	23,000	42.2	44.4	1,020,600	314,300	299,500	45.9	48.2	14,438,900
STATE	494,900	468,500	44.5	47.0	22,018,800	3,097,300	2,974,000	49.5	51.6	153,405,600

OATS: Acreage, Yield and Production by County, North Dakota, 5-Year Average, 1981-85 and 1985 (Revised)

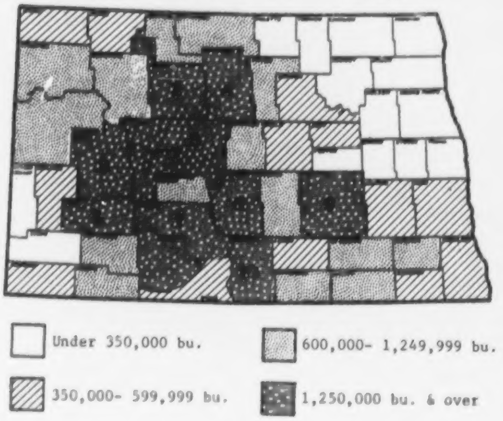
District and County	5-Year Average, 1981-85 1/					1985				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	16,800	15,100	39.9	44.9	687,400	14,000	11,000	35.8	45.5	501,000
Divide	14,200	11,200	30.0	36.9	417,200	13,000	6,700	10.3	20.0	134,000
Mountrail	28,800	22,300	35.1	46.5	1,032,000	20,000	11,300	26.9	47.5	537,000
Renville	24,700	23,300	55.4	59.4	1,381,400	21,000	18,400	64.8	74.0	1,361,000
Ward	48,100	45,000	54.9	59.0	2,667,200	46,000	43,000	62.1	66.4	2,857,000
Williams	22,400	17,000	30.4	37.8	672,200	21,000	11,600	10.5	19.0	220,000
Northwest	155,000	133,800	44.0	51.3	6,857,400	135,000	102,000	41.6	55.0	5,610,000
Benson	16,900	14,900	41.5	47.2	692,400	17,000	12,700	37.4	50.0	635,000
Bottineau	24,000	20,800	44.7	50.6	1,064,800	19,000	17,900	62.6	66.5	1,190,000
McHenry	45,600	40,800	43.8	49.2	2,002,800	43,000	36,500	50.7	59.8	2,181,000
Pierce	25,700	23,300	40.2	44.5	1,037,600	20,000	16,400	35.3	43.0	705,000
Rolette	10,800	9,500	39.8	46.5	431,800	6,000	4,500	43.5	58.0	261,000
North Central	123,000	109,200	42.6	48.0	5,229,400	105,000	88,000	47.4	56.5	4,972,000
Cavalier	4,900	4,300	52.6	59.8	252,200	3,500	3,000	60.0	70.0	210,000
Grand Forks	10,500	8,900	57.8	65.8	588,600	7,000	6,700	63.1	66.0	442,000
Nelson	12,300	11,400	56.1	60.2	673,600	11,500	11,200	52.7	54.1	606,000
Pembina	6,300	4,000	49.0	63.5	263,800	4,000	3,700	61.0	65.9	244,000
Ramsey	5,300	4,500	52.5	60.4	271,800	4,500	3,900	60.7	70.0	273,000
Towner	3,800	2,900	39.0	49.6	139,600	2,500	1,800	34.0	47.2	85,000
Walsh	7,900	7,000	53.7	61.3	421,200	7,000	5,700	48.0	58.9	336,000
Northeast	51,000	42,900	53.0	61.0	2,610,800	40,000	36,000	54.9	61.0	2,196,000
Dunn	43,800	28,500	32.4	48.4	1,436,600	48,000	19,000	17.8	45.0	855,000
McKenzie	24,100	13,700	25.6	42.4	615,200	25,000	7,000	8.0	28.6	200,000
McLean	44,100	38,900	45.5	51.4	2,015,000	45,000	41,000	53.4	58.6	2,404,000
Mercer	33,500	24,300	37.3	51.4	1,250,600	39,000	25,000	42.9	67.0	1,675,000
Oliver	22,500	18,600	41.6	50.1	926,600	23,000	18,000	44.6	57.0	1,026,000
West Central	168,000	124,000	37.1	50.1	6,244,000	180,000	110,000	34.2	56.0	6,160,000
Eddy	16,300	15,300	48.0	51.1	785,000	17,500	16,000	42.5	46.5	744,000
Foster	11,600	10,000	48.9	56.3	561,200	10,000	9,200	50.6	55.0	506,000
Kidder	36,200	30,400	37.0	43.8	1,338,400	36,000	25,200	26.6	38.0	958,000
Sheridan	20,200	17,200	39.8	47.1	805,800	20,000	17,600	46.2	52.5	924,000
Stutsman	38,000	33,900	48.6	54.8	1,846,400	31,000	24,000	39.4	50.8	1,220,000
Wells	16,700	14,200	46.5	54.4	777,400	15,500	13,000	47.8	57.0	741,000
Central	139,000	121,000	44.0	50.6	6,114,200	130,000	105,000	39.2	48.5	5,093,000
Barnes	19,000	16,900	54.5	61.5	1,036,400	15,000	11,000	42.5	58.0	638,000
Cass	13,000	11,400	66.3	74.0	844,000	8,000	7,800	79.9	81.9	639,000
Griggs	12,600	11,600	54.5	59.1	689,200	11,000	10,200	54.7	59.0	602,000
Steele	4,000	3,400	57.9	67.7	233,400	3,500	3,500	71.4	71.4	250,000
Traill	4,400	3,900	62.1	67.6	273,200	2,500	2,500	72.4	72.4	181,000
East Central	53,000	47,300	58.1	64.7	3,076,200	40,000	35,000	57.8	66.0	2,310,000
Adams	24,500	19,600	36.5	45.3	960,600	25,000	17,500	29.8	42.5	744,000
Billings	13,200	5,900	20.0	37.4	248,800	16,000	2,600	4.1	25.0	65,000
Bowman	20,700	13,500	26.5	39.2	540,000	20,000	5,300	10.6	40.0	212,000
Golden Valley	13,500	9,600	26.1	35.5	351,000	15,000	7,500	14.7	29.5	221,000
Hettinger	21,800	18,100	39.0	47.0	871,000	25,000	19,500	37.4	48.0	936,000
Slope	13,600	9,200	30.0	44.3	419,600	12,000	4,800	17.3	43.1	207,000
Stark	47,700	38,300	37.1	45.8	1,793,600	52,000	33,800	32.9	50.6	1,710,000
Southwest	155,000	114,200	33.0	44.0	5,184,600	165,000	91,000	24.8	45.0	4,095,000
Burleigh	41,800	32,900	34.9	44.1	1,448,000	45,000	32,400	34.0	47.2	1,528,000
Emmons	59,400	45,200	36.2	47.1	2,150,600	60,000	33,700	23.3	41.5	1,399,000
Grant	44,000	33,400	34.4	45.1	1,513,400	40,000	28,400	35.5	50.0	1,420,000
Morton	60,000	43,500	34.6	47.3	2,072,600	60,000	34,300	29.0	50.8	1,741,000
Sioux	15,800	9,800	27.7	43.7	433,800	15,000	5,200	14.0	40.4	210,000
South Central	221,000	164,800	34.5	46.1	7,618,400	220,000	134,000	28.6	47.0	6,298,000
Dickey	25,500	23,000	44.9	49.1	1,112,000	22,000	20,600	51.0	54.5	1,123,000
LaMoure	26,500	24,100	48.3	52.8	1,272,000	25,000	22,400	46.6	52.0	1,165,000
Logan	25,400	21,300	41.2	48.8	1,033,000	20,000	15,500	36.8	47.5	736,000
McIntosh	38,300	34,300	42.6	47.2	1,632,400	40,000	30,500	31.3	41.0	1,251,000
Ransom	21,300	19,200	55.3	61.1	1,155,400	18,000	15,900	60.5	68.5	1,089,000
Richland	23,700	21,400	64.3	70.2	1,478,600	20,000	19,600	76.9	78.4	1,537,000
Sargent	19,300	17,500	51.3	55.7	969,600	15,000	14,500	59.0	61.0	885,000
Southeast	180,000	160,800	48.8	54.2	8,653,000	160,000	139,000	48.7	56.0	7,786,000
STATE	1,245,000	1,018,000	41.4	50.7	51,588,000	1,175,000	840,000	37.9	53.0	44,520,000

1/ Totals may not add due to rounding.

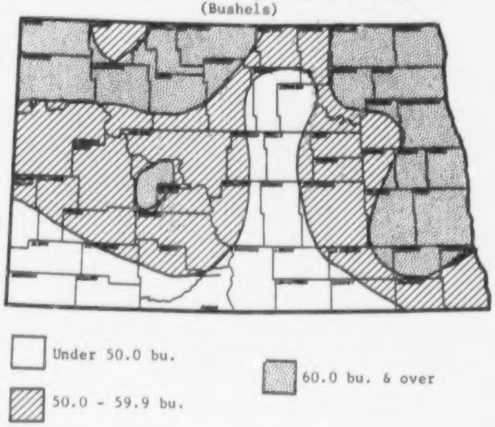
OATS: Acreage, Yield and Production by County, North Dakota, 1986 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	14,000	10,000	40.7	57.0	570,000
Divide	12,000	7,400	37.0	60.0	444,000
Mountrail	21,000	12,600	39.6	66.0	831,000
Renville	18,000	14,500	59.2	73.5	1,066,000
Ward	37,000	30,000	55.9	69.0	2,070,000
Williams	18,000	10,500	39.7	68.0	714,000
Northwest	120,000	85,000	47.5	67.0	5,695,000
Benson	13,000	10,500	35.5	44.0	462,000
Bottineau	15,000	12,500	57.1	68.5	856,000
McHenry	40,000	31,500	40.3	51.2	1,612,000
Pierce	16,000	12,500	38.3	49.0	613,000
Rolette	6,000	4,000	37.0	55.5	222,000
North Central	90,000	71,000	41.8	53.0	3,765,000
Cavalier	4,000	3,000	57.0	76.0	228,000
Grand Forks	7,000	5,000	45.7	64.0	320,000
Nelson	7,000	5,500	43.4	55.3	304,000
Pembina	4,000	3,000	45.0	60.0	180,000
Ramsey	4,000	3,000	47.3	63.0	189,000
Towner	3,000	1,500	27.0	54.0	81,000
Walsh	6,000	4,000	49.7	74.5	298,000
Northeast	35,000	25,000	45.7	64.0	1,600,000
Dunn	45,000	25,000	31.1	56.0	1,400,000
McKenzie	25,000	13,000	29.1	56.0	728,000
McLean	40,000	32,000	47.2	59.0	1,888,000
Mercer	37,000	23,000	38.2	61.4	1,412,000
Oliver	23,000	17,000	41.4	56.0	952,000
West Central	170,000	110,000	37.5	58.0	6,380,000
Eddy	13,000	9,500	38.4	52.5	499,000
Foster	10,000	5,200	33.0	63.5	330,000
Kidder	30,000	21,000	31.4	44.9	943,000
Sheridan	18,000	13,000	34.7	48.0	624,000
Stutsman	30,000	22,300	43.5	58.5	1,305,000
Wells	14,000	9,000	32.8	51.0	459,000
Central	115,000	80,000	36.2	52.0	4,160,000
Barnes	11,000	7,800	43.6	61.5	480,000
Cass	6,000	4,500	58.5	78.0	351,000
Griggs	11,000	6,200	29.0	51.5	319,000
Steele	3,000	2,800	56.0	60.0	168,000
Traill	4,000	2,700	42.5	63.0	170,000
East Central	35,000	24,000	42.5	62.0	1,488,000
Adams	23,000	14,000	28.0	46.0	644,000
Billings	16,000	9,500	33.3	56.0	532,000
Bowman	20,000	9,200	19.1	41.5	382,000
Golden Valley	11,000	5,800	20.5	39.0	226,000
Hettinger	20,000	14,000	33.6	48.0	672,000
Slope	12,000	6,700	26.3	47.0	315,000
Stark	48,000	30,800	32.3	50.3	1,549,000
Southwest	150,000	90,000	28.8	48.0	4,320,000
Burleigh	40,000	29,000	36.6	50.5	1,465,000
Emmons	55,000	29,000	22.9	43.5	1,262,000
Grant	40,000	22,000	31.4	57.0	1,254,000
Morton	60,000	36,000	35.0	58.3	2,098,000
Sioux	15,000	9,000	28.2	47.0	423,000
South Central	210,000	125,000	31.0	52.0	6,502,000
Dickey	18,000	13,000	34.7	48.0	624,000
LaMoure	20,000	12,400	38.2	61.5	763,000
Logan	19,000	11,600	29.9	49.0	568,000
McIntosh	35,000	26,500	31.4	41.4	1,098,000
Ransom	12,000	10,400	52.8	61.0	634,000
Richland	12,000	8,700	41.3	57.0	496,000
Sargent	9,000	7,400	45.2	55.0	407,000
Southeast	125,000	90,000	36.7	51.0	4,590,000
STATE	1,050,000	700,000	36.7	55.0	38,500,000

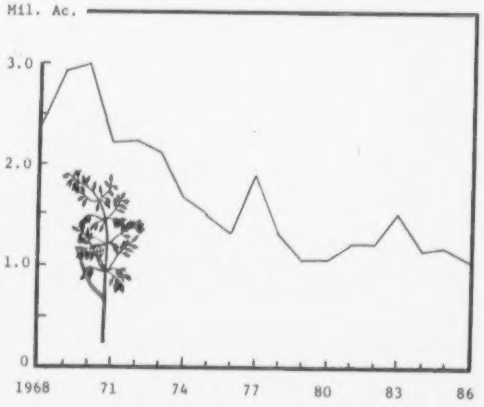
OATS, 1986 - Production by County, (Rank of First Ten Counties Shown)



OATS, 1986 - Yield per Harvested Acre (Bushels)



OATS PLANTED ACRES
North Dakota, 1968-86



SUNFLOWER ALL: Acreage, Yield and Production by County, North Dakota, 5-Year Average, 1981-85 and 1985 (Revised)

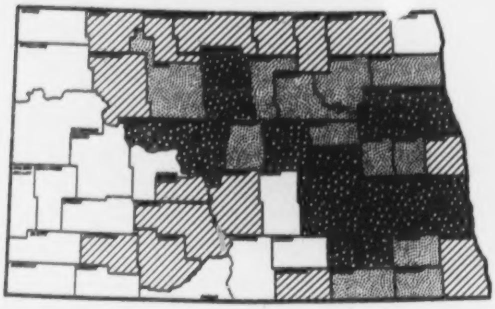
District and County	5-Year Average, 1981-85 1/					1985				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	23,400	21,400	700	760	15,991	21,900	13,300	450	740	9,890
Divide	23,000	20,800	610	680	14,963	13,200	5,700	210	480	2,750
Mountrail	34,900	32,400	900	950	29,819	42,900	34,800	700	870	30,170
Renville	29,300	28,100	890	930	26,844	19,500	16,000	480	590	9,440
Ward	98,200	91,800	970	1040	95,500	88,000	58,700	610	920	53,840
Williams	15,800	14,700	630	680	10,122	10,000	7,500	320	420	3,150
Northwest	224,600	209,200	860	920	193,239	195,500	136,000	560	800	109,240
Benson	108,200	107,000	1040	1050	112,490	81,000	78,500	1040	1070	83,930
Bottineau	88,100	83,700	880	980	80,513	44,500	27,900	710	1140	31,750
McHenry	86,300	84,700	1080	1100	91,776	79,500	75,700	1090	1150	86,910
Pierce	67,300	66,800	1050	1060	70,751	53,500	51,900	950	980	51,030
Rolette	38,900	37,800	970	1000	37,840	30,500	26,500	670	770	20,470
North Central	388,800	380,000	1010	1040	393,371	289,000	260,500	950	1050	274,090
Cavalier	44,900	43,200	1040	1080	46,361	36,500	30,400	790	950	28,930
Grand Forks	80,300	78,600	1060	1080	86,011	64,500	61,600	820	860	52,770
Nelson	78,100	76,400	1100	1130	85,990	68,500	65,100	1030	1080	70,550
Pembina	24,400	23,400	1040	1090	25,951	12,500	10,500	720	860	9,060
Ramsey	93,100	90,700	1060	1090	98,643	74,000	66,700	890	990	65,790
Towner	46,300	44,900	1050	1090	48,709	36,000	31,300	760	880	27,450
Walsh	48,300	47,600	1080	1100	52,260	42,000	40,400	890	920	37,170
Northeast	415,400	404,800	1060	1090	443,925	334,000	306,000	870	950	291,720
Dunn	6,800	6,700	1000	1010	6,765	9,500	9,500	1000	1000	9,500
McKenzie	3,800	3,700	800	820	3,149	2,000	2,000	700	700	1,400
McLean	103,400	100,600	1110	1130	111,146	121,500	114,000	1010	1080	122,900
Mercer	8,300	7,900	990	1040	8,036	9,500	7,500	770	970	7,290
Oliver	6,700	6,700	1050	1050	6,686	12,000	12,000	1010	1010	12,120
West Central	129,000	125,600	1080	1110	135,782	154,500	145,000	990	1060	153,210
Eddy	59,100	58,300	1070	1080	63,297	52,000	49,300	860	910	44,780
Foster	88,500	87,300	1180	1190	104,326	84,000	83,100	1160	1170	97,580
Kidder	21,200	21,100	940	940	19,642	13,000	12,900	910	910	11,790
Sheridan	57,500	56,200	1070	1090	60,089	65,000	61,200	1010	1070	65,760
Stutsman	199,600	197,200	1070	1090	216,276	142,000	140,500	1060	1070	150,290
Wells	159,700	157,100	1100	1120	176,092	128,000	124,500	1060	1090	136,110
Central	585,600	577,200	1090	1100	639,722	484,000	471,500	1050	1070	506,310
Barnes	139,500	137,800	1160	1180	163,514	100,500	95,900	1230	1290	123,300
Cass	87,200	86,300	1280	1290	110,513	68,000	66,500	1460	1500	99,570
Griggs	52,700	52,000	1150	1170	60,737	37,500	36,200	1150	1200	43,290
Steele	44,900	44,500	1240	1250	56,087	27,500	26,900	1260	1290	34,730
Traill	22,100	21,700	1230	1270	26,830	12,000	10,500	1290	1480	15,520
East Central	346,400	342,300	1200	1210	417,680	245,500	236,000	1290	1340	316,410
Adams	20,900	20,300	950	980	19,662	25,000	23,000	810	880	20,240
Billings	2,300	2,300	860	860	2,004	1,000	1,000	810	810	810
Bowman	7,300	7,300	830	830	5,958	6,200	6,200	710	710	4,390
Golden Valley	2,600	2,600	850	840	2,408	1,000	1,000	550	550	550
Hettinger	63,700	63,000	1090	1100	69,470	62,300	61,300	1210	1230	75,390
Slope	7,600	7,400	940	960	7,058	10,000	9,500	870	910	8,650
Stark	15,200	15,000	920	930	13,711	25,000	24,500	860	880	21,560
Southwest	119,600	118,000	1010	1020	120,271	130,500	126,500	1010	1040	131,590
Burleigh	34,100	32,300	890	940	29,820	29,500	25,500	820	950	24,240
Emmons	15,200	14,900	910	920	13,576	10,000	10,000	930	930	9,300
Grant	27,500	27,100	1000	1010	27,173	24,300	24,300	1130	1130	27,440
Morton	21,200	20,600	910	940	18,815	18,000	18,000	1080	1080	19,380
Sioux	3,200	3,100	880	900	2,786	4,200	4,200	1000	1000	4,220
South Central	101,200	98,100	930	960	92,171	86,000	82,000	980	1030	84,580
Dickey	79,000	78,100	1040	1060	81,833	48,000	47,900	1220	1220	58,360
LaMoure	106,700	105,400	1100	1110	117,560	81,600	78,400	1140	1190	93,180
Logan	16,900	16,900	900	890	14,940	11,500	11,500	900	900	10,370
McIntosh	24,500	24,500	930	930	22,478	16,600	16,600	870	870	14,480
Ransom	50,300	49,700	1220	1240	61,261	40,700	39,600	1540	1590	62,770
Richland	49,600	49,000	1240	1250	60,254	29,000	29,000	1570	1570	45,490
Sargent	55,300	54,700	1140	1150	61,475	43,600	43,500	1610	1610	70,000
Southeast	382,400	378,200	1100	1120	419,801	271,000	266,500	1310	1330	354,650
STATE	2,693,000	2,633,400	1060	1080	2,855,962	2,190,000	2,030,000	1010	1094	2,221,800

1/ Totals may not add due to rounding.

SUNFLOWER, ALL: Acreage, Yield and Production by County, North Dakota, 1986 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	13,000	11,000	980	1160	12,780
Divide	8,600	5,100	540	920	4,686
Mountrail	20,200	19,200	1110	1170	22,423
Renville	9,200	9,200	1370	1370	12,614
Ward	48,500	44,500	1180	1290	57,192
Williams	5,000	4,500	910	1010	4,545
Northwest	104,500	93,500	1090	1220	114,240
Benson	51,500	49,000	1140	1200	58,690
Bottineau	22,500	22,000	1220	1250	27,550
McHenry	57,500	52,000	1250	1380	71,860
Pierce	38,000	35,500	1080	1160	41,145
Rolette	17,500	17,000	1170	1210	20,515
North Central	187,000	175,500	1180	1250	219,760
Cavalier	14,000	13,500	1280	1320	17,860
Grand Forks	45,000	44,000	1440	1470	64,750
Nelson	48,000	45,300	1320	1390	63,175
Pembina	7,000	7,000	1320	1320	9,270
Ramsey	42,500	35,400	1010	1210	42,755
Towner	20,500	17,900	1020	1160	20,810
Walsh	29,000	28,400	1370	1400	39,780
Northeast	206,000	191,500	1250	1350	258,400
Dunn	6,000	5,400	990	1100	5,954
McKenzie	1,000	700	910	1300	910
McLean	71,500	70,000	1390	1420	99,061
Mercer	7,500	7,000	1070	1150	8,045
Oliver	7,000	6,900	1480	1500	10,350
West Central	93,000	90,000	1340	1380	124,320
Eddy	35,500	35,300	1290	1300	45,788
Foster	70,500	69,500	1380	1400	97,400
Kidder	6,000	6,000	1000	1000	6,000
Sheridan	37,500	36,700	1230	1250	46,022
Stutsman	116,500	114,500	1340	1360	155,680
Wells	99,000	98,000	1260	1280	124,950
Central	365,000	360,000	1300	1320	475,840
Barnes	95,000	94,000	1540	1550	145,960
Cass	54,000	54,000	1570	1570	84,980
Griggs	33,000	33,000	1490	1490	49,230
Steele	24,000	24,000	1660	1660	39,880
Traill	11,000	11,000	1680	1680	18,430
East Central	217,000	216,000	1560	1570	338,480
Adams	8,000	8,000	1030	1030	8,240
Billings	500	500	930	930	465
Bowman	4,000	3,500	880	1000	3,500
Golden Valley	500	500	900	900	450
Hettinger	21,500	20,500	1030	1080	22,180
Slope	5,000	5,000	960	960	4,790
Stark	9,000	8,500	730	770	6,545
Southwest	48,500	46,500	950	990	46,170
Burleigh	15,500	15,500	1100	1100	17,050
Emmons	5,000	4,500	1200	1330	5,985
Grant	13,500	12,500	1080	1170	14,625
Morton	12,500	12,000	1220	1280	15,310
Sioux	1,500	1,500	1060	1060	1,590
South Central	48,000	46,000	1140	1190	54,560
Dickey	25,500	25,500	1510	1510	38,420
LaMoure	60,000	59,600	1370	1380	82,304
Logan	6,500	6,500	1130	1130	7,330
McIntosh	9,500	9,500	1520	1520	14,480
Ransom	34,500	33,100	1390	1450	48,027
Richland	20,500	19,900	1340	1380	27,554
Sargent	34,500	33,900	1560	1590	53,805
Southeast	191,000	188,000	1420	1450	271,920
STATE	1,460,000	1,407,000	1300	1353	1,903,690

ALL SUNFLOWER, 1986 - Production by (.ty, (Rank of First Ten Counties Show



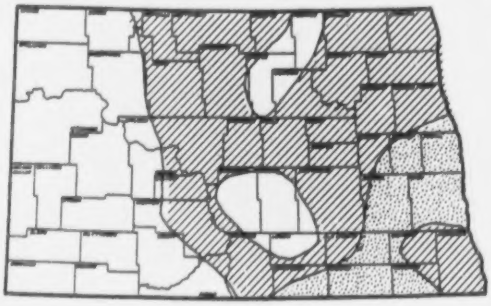
☐ Under 10.0 mil. lbs.

▨ 30.0- 59.9 mil. lbs.

▨ 10.0- 29.9 mil. lbs.

■ 60.0 mil. lbs. & over

All Sunflower, 1986 - Yield Per Harvested Acre (Pounds)

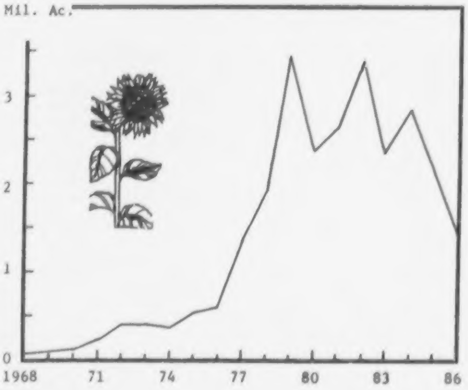


☐ Under 1200 lbs.

▨ 1500 lbs. & over

▨ 1200 - 1499 lbs.

ALL SUNFLOWER PLANTED ACRES North Dakota, 1968-86



SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by County, North Dakota, 1985 (Revised)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	21,000	12,500	430	730	9,130	900	800	840	950	760
Divide	13,000	5,500	200	470	2,580	200	200	850	850	170
Mountrail	42,000	34,000	700	860	29,240	900	800	1030	1160	930
Renville	19,000	15,500	470	580	8,990	500	500	900	900	450
Ward	85,000	56,000	590	900	50,400	3,000	2,700	1150	1270	3,440
Williams	10,000	7,500	320	420	3,150	---	---	---	---	---
Northwest	190,000	131,000	540	790	103,490	5,500	5,000	1050	1150	5,750
Benson	65,000	63,000	990	1020	64,260	16,000	15,500	1230	1270	19,670
Bottineau	40,000	23,500	660	1130	26,560	4,500	4,400	1150	1180	5,190
McHenry	75,000	72,000	1090	1140	82,100	4,500	3,700	1070	1300	4,810
Pierce	50,000	48,500	940	970	47,050	3,500	3,400	1140	1170	3,980
Rolette	30,000	26,000	670	770	20,020	500	500	900	900	450
North Central	260,000	233,000	920	1030	239,990	29,000	27,500	1180	1240	34,100
Cavalier	28,000	23,000	780	950	21,850	8,500	7,400	830	960	7,080
Grand Forks	60,000	57,500	810	850	48,870	4,500	4,100	870	950	3,900
Nelson	54,000	51,000	990	1050	53,550	14,500	14,100	1170	1210	17,000
Pembina	12,000	10,000	720	860	8,600	500	500	920	920	460
Ramsey	55,000	48,500	840	950	46,070	19,000	18,200	1040	1080	19,720
Towner	31,000	26,500	740	860	22,790	5,000	4,800	930	970	4,660
Walsh	40,000	38,500	890	920	35,420	2,000	1,900	880	920	1,750
Northeast	280,000	255,000	850	930	237,150	54,000	51,000	1010	1070	54,570
Dunn	9,000	9,000	1000	1000	9,000	500	500	1000	1000	500
McKenzie	2,000	2,000	700	700	1,400	---	---	---	---	---
McLean	118,000	111,000	1010	1070	118,740	3,500	3,000	1190	1390	4,160
Mercer	9,000	7,000	750	970	6,790	500	500	1000	1000	500
Oliver	12,000	12,000	1010	1010	12,120	---	---	---	---	---
West Central	150,000	141,000	990	1050	148,050	4,500	4,000	1150	1290	5,160
Eddy	35,000	33,000	800	850	28,050	17,000	16,300	980	1030	16,730
Foster	60,000	60,000	1110	1110	66,600	24,000	23,100	1290	1340	30,980
Kidder	12,000	12,000	900	900	10,800	1,000	900	990	1100	990
Sheridan	60,000	57,000	1020	1070	60,990	5,000	4,200	950	1140	4,770
Stutsman	125,000	124,000	1030	1040	129,000	17,000	16,500	1250	1290	21,290
Wells	108,000	105,000	1030	1060	111,300	20,000	19,500	1240	1270	24,810
Central	400,000	391,000	1020	1040	406,740	84,000	80,500	1190	1240	99,570
Barnes	95,000	90,500	1230	1290	116,760	5,500	5,400	1190	1210	6,540
Cass	65,000	63,500	1470	1500	95,250	3,000	3,000	1440	1440	4,320
Griggs	35,000	34,000	1150	1180	40,120	2,500	2,200	1270	1440	3,170
Steele	25,000	24,500	1270	1300	31,850	2,500	2,400	1150	1200	2,880
Traill	10,000	8,500	1220	1430	12,160	2,000	2,000	1680	1680	3,360
East Central	230,000	221,000	1290	1340	296,140	15,500	15,000	1310	1350	20,270
Adams	25,000	23,000	810	880	20,240	---	---	---	---	---
Billings	1,000	1,000	810	810	810	---	---	---	---	---
Bowman	6,000	6,000	700	700	4,200	200	200	950	950	190
Golden Valley	1,000	1,000	550	550	550	---	---	---	---	---
Hettinger	62,000	61,000	1210	1230	75,030	300	300	1200	1200	360
Slope	10,000	9,500	870	910	8,650	---	---	---	---	---
Stark	25,000	24,500	860	880	21,560	---	---	---	---	---
Southwest	130,000	126,000	1010	1040	131,040	500	500	1100	1100	550
Burleigh	29,000	25,000	820	950	23,730	500	500	1020	1020	510
Emmons	10,000	10,000	930	930	9,300	---	---	---	---	---
Grant	20,000	20,000	1130	1130	22,600	4,300	4,300	1130	1130	4,840
Morton	17,000	17,000	1090	1090	18,530	1,000	1,000	850	850	850
Sioux	4,000	4,000	1030	1030	4,120	200	200	500	500	100
South Central	80,000	76,000	980	1030	78,280	6,000	6,000	1050	1050	6,300
Dickey	45,000	45,000	1210	1210	54,450	3,000	2,900	1300	1350	3,910
LaMoure	75,000	72,000	1120	1170	84,240	6,600	6,400	1350	1400	8,940
Logan	11,000	11,000	890	890	9,790	500	500	1160	1160	580
McIntosh	16,000	16,000	860	860	13,760	600	600	1200	1200	720
Ransom	36,000	35,000	1530	1570	54,950	4,700	4,600	1660	1700	7,820
Richland	28,000	28,000	1570	1570	43,960	1,000	1,000	1530	1530	1,530
Sargent	39,000	39,000	1630	1630	63,570	4,600	4,500	1400	1430	6,430
Southeast	250,000	246,000	1300	1320	324,720	21,000	20,500	1430	1460	29,930
STATE	1,970,000	1,820,000	1000	1080	1,965,600	220,000	210,000	1160	1220	256,200

SUNFLOWER, OIL AND NON-OIL: Acreage, Yield and Production by County, North Dakota, 1986 (Preliminary)

District and County	Oil					Non-Oil				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(000 Lbs.)
Burke	12,000	10,000	980	1180	11,800	1,000	1,000	980	980	980
Divide	8,500	5,000	540	920	4,600	100	100	860	860	86
Mountrail	19,500	18,500	1110	1170	21,653	700	700	1100	1100	770
Renville	8,500	8,500	1400	1400	11,900	700	700	1020	1020	714
Ward	42,500	38,500	1180	1300	50,052	6,000	6,000	1190	1190	7,140
Williams	5,000	4,500	910	1010	4,545	---	---	---	---	---
Northwest	96,000	85,000	1090	1230	104,550	8,500	8,500	1140	1140	9,690
Benson	36,000	34,000	1140	1210	41,140	15,500	15,000	1130	1170	17,550
Bottineau	21,500	21,000	1220	1250	26,250	1,000	1,000	1300	1300	1,300
McHenry	50,000	45,000	1220	1360	61,220	7,500	7,000	1420	1520	10,640
Pierce	31,500	29,500	1040	1110	32,745	6,500	6,000	1290	1400	8,400
Rolette	16,000	15,500	1150	1190	18,445	1,500	1,500	1380	1380	2,070
North Central	155,000	145,000	1160	1240	179,800	32,000	30,500	1250	1310	39,960
Cavalier	9,000	8,500	1190	1260	10,710	5,000	5,000	1430	1430	7,150
Grand Forks	40,000	39,000	1410	1450	56,550	5,000	5,000	1640	1640	8,200
Nelson	34,000	33,000	1330	1370	45,215	14,000	12,300	1280	1460	17,960
Pembina	6,000	6,000	1310	1310	7,860	1,000	1,000	1410	1410	1,410
Ramsey	32,000	26,500	960	1160	30,740	10,500	8,900	1140	1350	12,015
Towner	17,000	15,500	1080	1180	18,290	3,500	2,400	720	1050	2,520
Walsh	27,000	26,500	1360	1390	36,835	2,000	1,900	1470	1550	2,945
Northeast	165,000	155,000	1250	1330	206,200	41,000	36,500	1270	1430	52,200
Dunn	5,000	4,400	980	1110	4,884	1,000	1,000	1070	1070	1,070
McKenzie	1,000	700	910	1300	910	---	---	---	---	---
McLean	67,000	65,500	1390	1420	92,986	4,500	4,500	1350	1350	6,075
Mercer	5,000	4,500	1130	1260	5,670	2,500	2,500	950	950	2,375
Oliver	7,000	6,900	1480	1500	10,350	---	---	---	---	---
West Central	85,000	82,000	1350	1400	114,800	8,000	8,000	1190	1190	9,520
Eddy	23,000	23,000	1290	1290	29,670	12,500	12,300	1290	1310	16,118
Foster	46,000	45,000	1340	1370	61,580	24,500	24,500	1460	1460	35,820
Kidder	6,000	6,000	1000	1000	6,000	---	---	---	---	---
Sheridan	32,000	31,500	1200	1220	38,430	5,500	5,200	1380	1460	7,592
Stutsman	98,000	96,500	1340	1360	131,200	18,500	18,000	1320	1360	24,480
Wells	75,000	74,000	1260	1280	94,700	24,000	24,000	1260	1260	30,250
Central	280,000	276,000	1290	1310	361,580	85,000	84,000	1340	1360	114,260
Barnes	89,000	88,000	1540	1560	137,260	6,000	6,000	1450	1450	8,700
Cass	50,000	50,000	1570	1570	78,500	4,000	4,000	1620	1620	6,480
Griggs	30,000	30,000	1500	1500	45,000	3,000	3,000	1410	1410	4,230
Steele	19,000	19,000	1670	1670	31,730	5,000	5,000	1630	1630	8,150
Traill	7,000	7,000	1730	1730	12,110	4,000	4,000	1580	1580	6,320
East Central	195,000	194,000	1560	1570	304,600	22,000	22,000	1540	1540	33,880
Adams	8,000	8,000	1030	1030	8,240	---	---	---	---	---
Billings	500	500	930	930	465	---	---	---	---	---
Bowman	4,000	3,500	880	1000	3,500	---	---	---	---	---
Golden Valley	500	500	900	900	450	---	---	---	---	---
Hettinger	21,000	20,000	1040	1090	21,800	500	500	760	760	380
Slope	4,000	4,000	1000	1000	4,000	1,000	1,000	790	790	790
Stark	9,000	8,500	730	770	6,545	---	---	---	---	---
Southwest	47,000	45,000	960	1000	45,000	1,500	1,500	780	780	1,170
Burleigh	15,500	15,500	1100	1100	17,050	---	---	---	---	---
Emmons	5,000	4,500	1200	1330	5,985	---	---	---	---	---
Grant	10,000	9,000	1050	1170	10,530	3,500	3,500	1170	1170	4,095
Morton	10,000	9,500	1240	1310	12,445	2,500	2,500	1150	1150	2,865
Sioux	1,500	1,500	1060	1060	1,590	---	---	---	---	---
South Central	42,000	40,000	1130	1190	47,600	6,000	6,000	1160	1160	6,960
Dickey	23,500	23,500	1520	1520	35,720	2,000	2,000	1350	1350	2,700
LaMoure	53,500	53,500	1360	1360	72,785	6,500	6,100	1460	1560	9,519
Logan	6,000	6,000	1110	1110	6,660	500	500	1340	1340	670
McIntosh	9,000	9,000	1530	1530	13,770	500	500	1420	1420	710
Ransom	32,000	31,000	1400	1450	44,940	2,500	2,100	1230	1470	3,087
Richland	19,000	18,500	1320	1360	25,160	1,500	1,400	1600	1710	2,394
Sargent	32,000	31,500	1570	1590	50,085	2,500	2,400	1490	1550	3,720
Southeast	175,000	173,000	1420	1440	249,120	16,000	15,000	1430	1520	22,800
STATE	1,240,000	1,195,000	1300	1350	1,613,250	220,000	212,000	1320	1370	290,440

FLAXSEED: Acreage, Yield and Production by County, North Dakota, 5-Year Average, 1981-85 and 1985 (Revised)

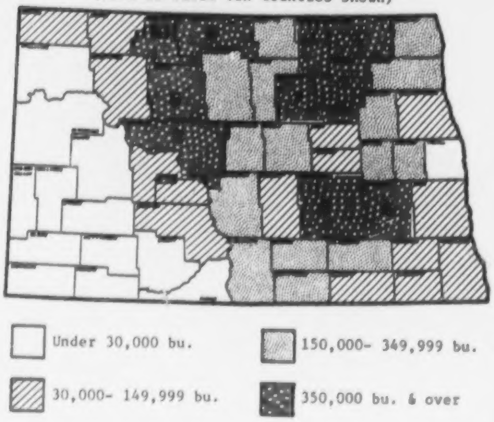
District and County	5-Year Average, 1981-85 1/					1985				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	2,200	2,100	9.8	10.2	21,400	1,700	1,500	10.8	12.2	18,300
Divide	1,200	1,000	10.0	11.6	11,000	1,500	900	7.5	12.4	11,200
Mountrail	1,900	1,600	9.3	10.5	17,300	2,000	1,700	9.8	11.5	19,600
Renville	7,000	6,700	11.9	12.4	84,200	7,100	7,000	17.1	17.3	121,100
Ward	13,100	12,900	12.7	12.9	166,000	13,500	13,500	16.4	16.4	221,400
Williams	800	800	9.3	10.2	7,700	1,200	1,200	6.9	6.9	8,300
Northwest	26,300	25,200	11.7	12.2	307,500	27,000	25,800	14.8	15.5	399,900
Benson	15,800	15,400	12.3	12.6	194,400	19,500	18,600	12.4	13.0	241,800
Bottineau	18,100	17,000	10.8	11.5	194,800	15,000	14,000	12.1	13.0	182,100
McHenry	11,000	10,500	11.1	11.6	121,800	11,000	10,600	13.5	14.0	148,400
Pierce	15,900	15,700	11.5	11.7	183,500	17,500	17,000	10.3	10.6	181,000
Rolette	4,600	4,600	12.7	12.9	58,700	4,000	3,800	11.7	12.3	46,700
North Central	65,400	63,100	11.5	11.9	753,200	67,000	64,000	11.9	12.5	800,000
Cavalier	21,100	20,700	18.3	18.7	389,600	25,000	24,500	21.1	21.5	526,800
Grand Forks	4,600	4,300	13.3	14.1	60,100	4,000	4,000	18.0	18.0	72,000
Nelson	12,000	11,300	11.9	12.5	142,700	13,000	12,500	13.1	13.6	170,000
Pembina	3,800	3,400	16.8	18.3	65,200	5,000	4,900	24.0	24.5	120,000
Ramsey	20,200	19,100	14.7	15.5	298,100	26,500	25,500	16.2	16.8	428,800
Towner	16,300	15,600	14.9	15.7	244,000	21,000	20,500	16.6	17.0	348,500
Walsh	8,400	7,900	14.3	15.0	116,700	8,500	8,100	16.2	17.0	137,700
Northeast	86,400	82,200	15.1	15.9	1,316,400	103,000	100,000	17.5	18.0	1,803,800
Dunn	600	500	9.1	10.2	6,000	500	500	9.0	9.0	4,500
McKenzie	200	100	9.8	11.7	1,700	0	0	0.0	0.0	0
McLean	20,200	19,800	11.6	11.8	232,000	24,000	24,000	13.6	13.6	325,700
Mercer	2,900	2,800	10.4	10.7	28,700	2,500	2,400	12.3	12.8	30,700
Oliver	4,100	4,000	10.9	11.1	43,700	4,500	4,500	10.5	10.5	47,300
West Central	28,000	27,300	11.3	11.5	312,000	31,500	31,400	13.0	13.0	408,200
Eddy	5,100	5,000	9.8	10.0	51,300	5,800	5,700	10.4	10.6	60,400
Foster	5,000	4,700	12.3	12.9	60,100	6,200	6,100	11.2	11.4	69,500
Kidder	9,700	9,300	10.6	11.0	103,600	8,500	8,000	8.5	9.0	72,000
Sheridan	11,900	11,600	12.1	12.5	145,900	15,000	14,700	15.2	15.5	227,900
Stutsman	22,400	22,000	12.2	12.5	266,100	33,000	32,500	9.7	9.8	319,000
Wells	13,100	12,800	12.7	13.1	165,400	20,500	20,000	11.5	11.8	236,000
Central	67,200	65,500	11.9	12.2	792,400	89,000	87,000	11.1	11.3	984,800
Barnes	15,700	15,400	14.4	14.7	226,000	20,000	19,500	13.8	14.2	276,700
Cass	5,600	5,500	15.6	15.9	87,500	5,500	5,500	14.0	14.0	77,000
Griggs	5,700	5,600	13.1	13.2	76,400	6,600	6,600	18.8	18.8	124,100
Steele	4,800	4,800	15.1	15.2	74,800	7,900	7,900	18.5	18.5	146,200
Traill	1,300	1,300	17.5	17.6	21,300	1,000	1,000	24.0	24.0	24,000
East Central	33,100	32,600	14.7	14.9	486,000	41,000	40,500	15.8	16.0	648,000
Adams	1,100	1,100	9.7	10.1	11,000	400	400	10.0	10.0	4,000
Billings	200	200	8.3	8.3	1,700	300	300	10.0	10.0	3,000
Bowman	900	800	8.7	9.1	8,200	400	400	8.0	8.0	3,200
Golden Valley	100	100	6.0	6.0	500	0	0	0.0	0.0	0
Hettinger	2,000	1,900	10.1	10.9	21,600	1,200	1,100	10.4	11.4	12,500
Slope	600	600	9.8	10.3	6,200	400	400	10.0	10.0	4,000
Stark	1,400	1,300	9.1	9.9	13,100	800	700	8.3	9.4	6,600
Southwest	6,300	6,000	9.5	10.1	62,400	3,500	3,300	9.5	10.1	33,300
Burleigh	12,900	12,500	10.2	10.6	130,100	14,500	14,000	9.9	10.2	142,900
Emmons	14,300	13,900	9.6	9.9	140,400	13,500	13,200	10.1	10.3	136,000
Grant	1,400	1,300	8.5	9.0	12,800	900	800	6.2	7.0	5,600
Morton	2,100	2,000	10.8	11.1	22,400	2,600	2,500	8.7	9.0	22,500
Sioux	700	600	7.0	7.6	5,000	500	500	6.0	6.0	3,000
South Central	31,300	30,400	9.8	10.1	310,700	32,000	31,000	9.7	10.0	310,000
Dickey	6,700	6,300	10.3	10.9	68,800	7,500	7,300	10.7	11.0	80,300
LaMoure	19,900	19,200	12.8	13.2	251,700	23,500	22,000	9.7	10.4	228,800
Logan	12,100	11,800	10.3	10.5	123,800	11,500	11,000	8.7	9.1	100,100
McIntosh	21,400	20,700	8.7	8.9	186,600	16,500	15,000	6.1	6.7	100,200
Ransom	2,800	2,700	12.5	13.1	34,700	2,800	2,600	13.0	14.0	36,400
Richland	2,100	2,000	13.1	13.3	27,400	1,800	1,800	19.5	19.5	35,100
Sargent	3,000	3,000	12.7	13.1	37,600	2,400	2,300	16.3	17.0	39,100
Southeast	68,000	65,700	10.8	11.1	730,600	66,000	62,000	9.4	10.0	620,000
STATE	412,000	398,000	12.3	12.7	5,071,200	460,000	445,000	13.1	13.5	6,008,000

1/ Totals may not add due to rounding.

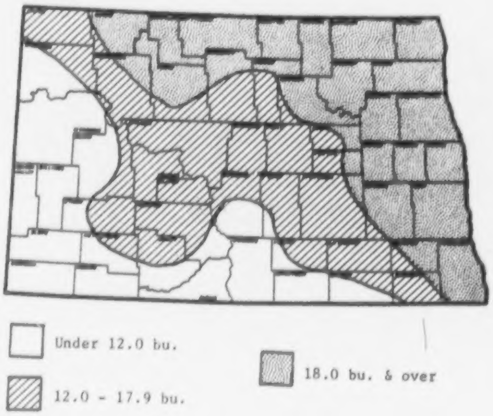
FLAXSEED: Acreage, Yield and Production by County, North Dakota, 1986 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre Pltd.	Yield/Acre Harv.	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
Burke	5,000	4,600	19.3	21.0	96,600
Divide	3,000	2,000	10.0	15.0	30,000
Mountrail	5,000	4,800	15.8	16.5	79,200
Renville	16,000	16,000	22.0	22.0	352,000
Ward	28,000	25,000	17.0	19.0	476,000
Williams	2,000	1,600	9.6	12.0	19,200
Northwest	59,000	54,000	17.8	19.5	1,053,000
Benson	22,000	20,800	18.9	20.0	416,000
Bottineau	21,500	20,400	17.1	18.0	367,200
McHenry	16,000	15,500	13.4	13.8	214,000
Pierce	19,500	19,000	14.6	15.0	285,000
Rolette	9,000	8,800	20.5	21.0	184,800
North Central	88,000	84,500	16.7	17.4	1,467,000
Cavalier	28,000	27,500	23.4	23.8	655,000
Grand Forks	8,000	7,600	17.1	18.0	136,800
Nelson	20,000	17,500	15.8	18.0	315,000
Pembina	9,000	8,800	22.5	23.0	202,400
Ramsey	30,000	27,000	17.1	19.0	513,000
Towner	28,000	27,000	18.3	19.0	513,000
Walsh	12,000	11,600	22.2	23.0	266,800
Northeast	135,000	127,000	19.3	20.5	2,602,000
Dunn	500	500	12.0	12.0	6,000
McKenzie	1,000	800	8.0	10.0	8,000
McLean	31,500	30,800	16.7	17.1	525,400
Mercer	2,500	2,500	17.0	17.0	42,500
Oliver	4,500	4,400	13.7	14.0	61,600
West Central	40,000	39,000	16.1	16.5	643,500
Eddy	7,000	6,800	12.6	13.0	88,400
Foster	5,500	5,200	17.0	18.0	93,600
Kidder	9,000	9,000	14.5	14.5	130,500
Sheridan	17,000	16,600	17.6	18.0	298,800
Stutsman	26,000	24,400	15.0	16.0	390,700
Wells	20,500	20,000	15.1	15.5	310,000
Central	85,000	82,000	15.4	16.0	1,312,000
Barnes	25,000	24,800	18.0	18.1	449,900
Cass	6,000	6,000	24.0	24.0	144,000
Griggs	13,500	13,200	17.6	18.0	237,600
Steele	14,500	14,000	20.8	21.5	301,000
Traill	1,000	1,000	18.0	18.0	18,000
East Central	60,000	59,000	19.2	19.5	1,150,500
Adams	500	300	5.4	9.0	2,700
Billings	200	200	8.0	8.0	1,600
Bowman	400	200	2.5	5.0	1,000
Hettinger	2,700	2,500	10.2	11.0	27,500
Slope	400	400	10.0	10.0	4,000
Stark	1,800	1,400	10.1	13.0	18,200
Southwest	6,000	5,000	9.2	11.0	55,000
Burleigh	17,000	15,200	10.7	12.0	182,500
Emmons	15,500	14,000	9.9	11.0	154,000
Grant	700	500	10.7	15.0	7,500
Morton	4,000	3,500	14.0	16.0	56,000
Sioux	800	800	10.0	10.0	8,000
South Central	38,000	34,000	10.7	12.0	408,000
Dickey	8,000	7,600	12.4	13.0	98,800
LaMoure	20,000	18,200	13.9	15.2	277,300
Logan	12,500	12,200	15.6	16.0	195,200
McIntosh	16,000	15,200	9.5	10.0	152,000
Ransom	2,700	2,600	16.4	17.0	44,200
Richland	1,800	1,800	20.0	20.0	36,000
Sargent	3,000	2,900	14.5	15.0	43,500
Southeast	64,000	60,500	13.2	14.0	847,000
STATE	575,000	545,000	16.6	17.5	9,538,000

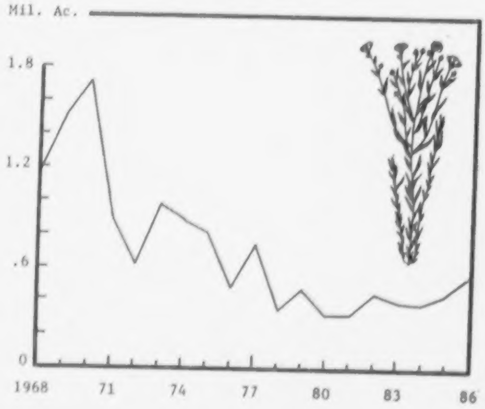
FLAXSEED, 1986 - Production by County, (Rank of First Ten Counties Shown)



FLAXSEED, 1986 - Yield per Harvested Acre (Bushels)



FLAXSEED PLANTED ACRES
North Dakota, 1968-86



CORN: Total Acreage Planted and Harvested; Acreage, Yield and Production for Grain and Silage and Acreage Used for Forage by County, North Dakota, 1985 (Revised) 1/

District and County	All Corn		Corn for Grain			Corn for Silage			Corn for Forage
	Planted	Harvested	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production	
	(Acres)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)	(Acres)
Burke	800	800	---	---	---	800	7.5	6,000	---
Divide	700	500	---	---	---	400	5.8	2,300	100
Mountrail	2,000	1,700	---	---	---	1,400	7.1	10,000	300
Renville	2,000	1,900	600	42.0	25,200	1,300	7.2	9,300	---
Ward	5,000	4,300	2,000	45.7	91,400	2,100	6.6	13,900	200
Williams	1,500	1,500	200	68.0	13,600	1,300	5.2	6,700	---
Northwest	12,000	10,700	2,800	46.5	130,200	7,300	6.6	48,200	600
Benson	14,000	12,600	2,400	40.2	96,500	8,900	7.6	67,500	1,300
Bottineau	3,400	3,200	700	29.0	20,300	2,100	7.7	16,100	400
McHenry	17,900	13,900	7,700	56.7	436,800	5,800	6.3	36,800	400
Pierce	8,900	7,600	2,200	40.0	88,000	5,000	5.2	26,200	400
Rolette	2,800	2,700	---	---	---	2,700	5.6	15,100	---
North Central	47,000	40,000	13,000	49.4	641,600	24,500	6.6	161,700	2,500
Cavalier	700	500	---	---	---	300	4.0	1,200	200
Grand Forks	23,300	18,700	16,800	44.7	750,300	1,600	6.4	10,300	300
Nelson	5,000	4,400	1,700	37.5	63,700	2,500	5.0	12,500	200
Pembina	10,300	7,300	5,200	47.5	247,000	2,100	6.6	13,900	---
Ramsey	3,800	2,600	1,200	33.8	40,500	1,300	6.2	8,000	100
Towner	1,400	1,000	300	44.0	13,200	600	4.0	2,400	100
Walsh	8,500	8,200	5,200	47.0	244,400	2,600	8.1	21,000	400
Northeast	53,000	42,700	30,400	44.7	1,359,100	11,000	6.3	69,300	1,300
Dunn	17,600	17,600	---	---	---	16,100	5.0	80,400	1,500
McKenzie	4,300	4,200	400	67.0	26,800	3,600	8.8	31,600	200
McLean	11,400	11,200	4,500	58.7	264,200	5,800	8.6	49,900	900
Mercer	11,000	10,700	---	---	---	9,300	5.4	50,300	1,400
Oliver	11,700	11,700	500	39.0	19,500	9,400	7.8	72,900	1,800
West Central	56,000	55,400	5,400	57.5	310,500	44,200	6.5	285,100	5,800
Eddy	9,500	8,100	1,400	39.5	55,300	6,200	6.0	37,100	500
Foster	9,500	9,100	4,000	36.0	144,000	5,000	7.1	35,600	100
Kidder	21,600	20,900	5,000	57.0	285,000	13,000	4.8	61,800	2,900
Sheridan	5,000	3,800	1,000	39.0	39,000	2,600	9.0	23,400	200
Stutsman	29,000	27,500	8,200	39.6	325,100	17,400	5.5	96,300	1,900
Wells	20,400	18,400	8,400	34.0	285,600	9,800	4.9	48,200	200
Central	95,000	87,800	28,000	40.5	1,134,000	54,000	5.6	302,400	5,800
Barnes	20,500	20,100	15,600	51.5	803,400	4,200	6.5	27,400	300
Cass	83,000	82,800	79,000	76.2	6,016,900	3,800	9.7	36,900	---
Griggs	6,000	5,900	2,300	71.5	164,400	3,600	7.3	26,300	---
Steele	11,500	10,100	10,000	56.5	565,000	100	10.0	1,000	---
Traill	14,000	13,700	13,400	74.0	991,600	300	14.7	4,400	---
East Central	135,000	132,600	120,300	71.0	8,541,300	12,000	8.0	96,000	300
Adams	11,700	11,600	---	---	---	9,800	4.2	41,000	1,800
Billings	2,200	2,100	---	---	---	1,700	4.1	6,900	400
Bowman	4,600	4,600	---	---	---	4,500	1.8	8,200	100
Golden Valley	1,700	1,400	200	70.0	14,000	1,100	3.7	4,100	100
Hettinger	14,400	13,900	7,000	42.3	296,100	4,900	4.9	24,000	2,000
Slope	3,700	3,500	400	34.0	13,600	3,000	3.8	11,300	100
Stark	14,700	14,600	200	39.0	7,800	13,000	4.9	64,100	1,400
Southwest	53,000	51,700	7,800	42.5	331,500	38,000	4.2	159,600	5,900
Burleigh	17,500	16,000	1,500	56.7	85,000	13,000	6.4	83,600	1,500
Emmons	32,500	31,600	2,800	102.7	287,600	26,600	3.1	82,300	2,200
Grant	28,000	26,200	7,000	32.9	230,600	17,400	4.4	77,100	1,800
Morton	39,000	38,000	1,300	58.0	75,400	35,000	4.8	169,300	1,700
Sioux	7,000	7,000	200	53.5	10,700	6,000	3.2	18,900	800
South Central	124,000	118,800	12,800	53.9	689,300	98,000	4.4	431,200	8,000
Dickey	60,000	59,900	32,100	64.0	2,054,400	23,000	4.9	112,100	4,800
LaMoure	37,500	35,400	25,400	49.0	1,244,600	9,000	6.0	54,100	1,000
Logan	12,500	12,000	1,200	60.0	72,000	9,000	4.6	41,500	1,800
McIntosh	12,000	11,900	800	42.0	33,600	10,000	5.6	56,100	1,100
Ransom	66,000	65,500	53,300	82.0	4,370,600	12,000	6.0	72,200	200
Richland	189,000	188,400	184,900	89.4	16,523,100	3,000	8.7	26,000	500
Sargent	48,000	47,200	41,800	69.0	2,884,200	5,000	5.7	28,500	400
Southeast	425,000	420,300	339,500	80.1	27,182,500	71,000	5.5	390,500	9,800
STATE	1,000,000	960,000	560,000	72.0	40,320,000	360,000	5.4	1,944,000	40,000

1/ See page 68 for irrigated acres.

CORN: Acreage, Yield and Production by Counties, 1986 (Preliminary)

District and County	All Corn	Corn for Grain			Corn for Silage		
	Planted	Harvested	Yield per Acre	Production	Harvested	Yield per Acre	Production
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Acres)	(Tons)	(Tons)
Burke	800	500	49.6	24,800	300	11.0	3,300
Divide	800	100	40.0	4,000	600	8.7	5,200
Mountrail	2,000	700	42.0	29,400	1,100	7.5	8,300
Renville	1,500	600	40.0	24,000	900	8.0	7,200
Ward	5,100	2,200	72.5	159,500	2,700	10.1	27,200
Williams	1,800	300	40.0	12,000	1,200	13.3	15,900
Northwest	12,000	4,400	57.7	253,700	6,800	9.9	67,100
Benson	9,500	5,900	70.2	413,900	3,600	6.0	21,600
Bottineau	3,000	1,100	55.0	60,500	1,800	7.5	13,500
McHenry	15,500	8,700	79.3	690,000	6,500	6.5	42,300
Pierce	7,000	2,800	60.5	169,400	3,600	7.5	27,000
Rolette	3,000	-	-	-	2,200	5.9	13,000
North Central	38,000	18,500	72.1	1,333,800	17,700	6.6	117,400
Cavalier	300	300	75.7	22,700	-	-	-
Grand Forks	19,800	16,500	101.1	1,667,800	3,200	9.5	30,400
Nelson	4,300	1,100	75.5	83,100	3,200	10.8	34,700
Pembina	8,700	5,900	84.0	495,600	2,400	5.0	12,000
Ramsey	2,300	500	70.6	35,300	1,700	5.0	8,500
Towner	2,200	1,000	65.5	65,500	800	4.5	3,600
Walsh	9,400	6,000	96.0	576,000	3,300	7.5	24,800
Northeast	47,000	31,300	94.1	2,946,000	14,600	7.8	114,000
Dunn	16,700	200	50.0	10,000	13,200	5.5	72,600
McKenzie	5,400	100	104.0	10,400	4,900	11.6	56,700
McLean	13,700	7,300	80.0	583,900	5,800	8.4	48,700
Mercer	9,000	500	55.6	27,800	6,500	7.6	49,300
Oliver	10,200	400	111.0	44,400	8,300	6.4	52,800
West Central	55,000	8,500	79.6	676,500	38,700	7.2	280,100
Eddy	8,500	3,400	92.6	314,900	4,200	7.3	30,800
Foster	8,400	5,000	80.1	400,300	3,200	10.9	34,800
Kidder	19,300	5,600	100.4	562,400	11,200	8.4	94,200
Sheridan	5,500	2,100	64.0	134,400	3,300	5.9	19,400
Stutsman	24,500	13,700	81.4	1,114,900	10,400	9.4	98,200
Wells	16,800	11,100	75.0	832,500	5,000	8.2	40,800
Central	83,000	40,900	82.1	3,359,400	37,300	8.5	318,200
Barnes	21,000	16,700	88.8	1,483,300	4,000	10.0	40,000
Cass	72,000	64,900	105.2	6,825,000	6,800	12.5	85,000
Griggs	6,000	2,600	77.7	202,100	3,300	9.9	32,700
Steele	6,500	5,300	117.7	624,000	1,000	7.5	7,500
Traill	9,500	8,700	111.0	965,700	800	9.8	7,800
East Central	115,000	98,200	102.9	10,100,100	15,900	10.9	173,000
Adams	9,500	1,000	56.5	56,500	7,400	5.1	37,700
Billings	2,000	100	51.0	5,100	1,200	4.5	5,400
Bowman	4,000	900	45.6	41,000	2,800	5.5	15,400
Golden Valley	2,100	100	46.0	4,600	1,200	7.3	8,800
Hettinger	8,900	5,900	64.0	377,600	2,400	5.5	13,200
Slope	3,500	200	54.0	10,800	3,200	5.5	17,600
Stark	15,000	300	50.7	15,200	12,200	7.5	91,500
Southwest	45,000	8,500	60.1	510,800	30,400	6.2	189,600
Burleigh	18,500	4,800	84.0	403,000	9,200	8.5	78,200
Emmons	30,500	8,000	82.2	657,600	20,300	6.3	127,000
Grant	25,000	6,300	49.0	308,700	17,100	5.7	98,000
Morton	35,000	6,900	67.6	466,100	25,100	6.6	165,600
Sioux	6,000	400	33.0	13,200	4,900	6.4	31,200
South Central	115,000	26,400	70.0	1,848,600	76,600	6.5	500,000
Dickey	51,000	39,500	87.2	3,442,900	10,900	8.0	87,700
LaMoure	34,000	25,600	80.1	2,050,900	7,600	9.1	69,000
Logan	12,500	1,400	88.7	124,200	9,200	7.5	69,000
McIntosh	12,000	1,700	64.0	108,800	9,000	6.5	58,500
Ransom	55,000	45,500	107.7	4,901,800	6,900	8.3	57,000
Richland	159,000	140,100	100.6	14,094,600	12,200	7.6	92,600
Sargent	46,500	39,500	89.6	3,537,900	6,200	9.2	56,800
Southeast	370,000	293,300	96.4	28,261,100	62,000	7.9	490,600
STATE	880,000	530,000	93.0	49,290,000	300,000	7.5	2,250,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by County, North Dakota, 1985 (Revised)

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	9,000	1.20	10,800	25,500	1.25	31,900	34,500	1.25	42,700
Divide	7,500	.75	5,600	16,000	.75	12,000	23,500	.75	17,600
Mountrail	25,000	1.15	28,800	33,000	1.35	44,600	58,000	1.25	73,400
Renville	9,000	1.50	13,500	8,500	1.60	13,600	17,500	1.55	27,100
Ward	28,000	1.55	43,400	43,000	1.20	51,200	71,000	1.35	94,600
Williams	27,500	1.30	35,700	24,000	.80	19,200	51,500	1.05	54,900
Northwest	106,000	1.30	137,800	150,000	1.15	172,500	256,000	1.20	310,300
Benson	16,000	1.90	30,400	27,000	1.30	35,100	43,000	1.50	65,500
Bottineau	20,500	1.60	32,900	23,000	1.25	28,900	43,500	1.40	61,800
McHenry	65,000	1.35	88,600	80,000	1.10	88,000	145,000	1.20	176,600
Pierce	18,000	1.45	26,100	40,000	1.05	42,000	58,000	1.15	68,100
Rolette	25,500	1.55	39,500	25,000	1.60	40,000	50,500	1.55	79,500
North Central	145,000	1.50	217,500	195,000	1.20	234,000	340,000	1.35	451,500
Cavalier	2,400	2.10	5,000	7,500	1.80	13,600	9,900	1.90	18,600
Grand Forks	7,000	2.35	16,500	6,500	1.10	7,200	13,500	1.75	23,700
Nelson	9,000	2.10	19,000	19,500	1.30	25,400	28,500	1.55	44,400
Pembina	6,000	2.25	13,500	9,000	1.15	10,400	15,000	1.60	23,900
Ramsey	2,500	1.70	4,300	9,500	1.20	11,400	12,000	1.30	15,700
Towner	3,100	1.45	4,500	11,000	1.15	12,700	14,100	1.20	17,200
Walsh	5,000	2.15	10,700	12,000	1.40	16,800	17,000	1.60	27,500
Northeast	35,000	2.10	73,500	75,000	1.30	97,500	110,000	1.55	171,000
Dunn	91,000	1.00	91,000	69,000	1.00	69,000	160,000	1.00	160,000
McKenzie	35,000	1.10	38,500	49,000	.80	39,200	84,000	.95	77,700
McLean	25,000	2.40	60,000	38,000	1.40	53,200	63,000	1.80	113,200
Mercer	37,000	1.80	66,600	22,000	1.50	33,000	59,000	1.70	99,600
Oliver	32,000	1.95	62,400	17,000	1.75	29,900	49,000	1.90	92,300
West Central	220,000	1.45	318,500	195,000	1.15	224,300	415,000	1.30	542,800
Eddy	28,000	1.50	42,000	22,000	1.10	24,200	50,000	1.30	66,200
Foster	12,000	1.65	19,800	5,500	1.25	6,900	17,500	1.55	26,700
Kidder	110,000	1.10	119,000	57,000	1.00	56,500	167,000	1.05	175,500
Sheridan	12,500	1.65	20,600	28,000	1.50	41,700	40,500	1.55	62,300
Stutsman	57,000	1.20	67,300	45,000	1.30	58,300	102,000	1.25	125,600
Wells	10,500	1.75	18,500	27,500	1.25	34,400	38,000	1.40	52,900
Central	230,000	1.25	287,200	185,000	1.20	222,000	415,000	1.25	509,200
Barnes	16,000	2.00	32,200	21,500	1.35	29,000	37,500	1.60	61,200
Cass	13,000	3.15	41,000	3,300	1.65	5,500	16,300	2.85	46,500
Griggs	12,500	2.00	25,000	10,000	1.40	14,000	22,500	1.75	39,000
Steele	2,000	2.10	4,200	3,500	1.30	4,600	5,500	1.60	8,800
Traill	5,500	3.20	17,600	1,700	1.75	2,900	7,200	2.85	20,500
East Central	49,000	2.45	120,000	40,000	1.40	56,000	89,000	2.00	176,000
Adams	42,000	.85	35,800	21,000	1.15	24,200	63,000	.95	60,000
Billings	38,000	.60	22,800	31,000	.80	24,800	69,000	.70	47,600
Bowman	30,000	.60	18,000	23,000	.75	17,300	53,000	.65	35,300
Golden Valley	15,000	.75	11,300	19,000	.55	10,500	34,000	.65	21,800
Hettinger	33,000	1.20	39,600	18,000	1.05	18,900	51,000	1.15	58,500
Slope	35,000	.90	31,500	31,000	.85	26,400	66,000	.90	57,900
Stark	67,000	1.50	101,000	32,000	1.10	35,400	99,000	1.40	136,400
Southwest	260,000	1.00	260,000	175,000	.90	157,500	435,000	.95	417,500
Burleigh	58,000	1.75	101,500	43,500	1.15	50,000	101,500	1.50	151,500
Emmons	56,000	1.30	72,800	62,000	1.10	67,000	118,000	1.20	139,800
Grant	56,000	1.15	64,500	36,500	1.20	43,800	92,500	1.20	108,300
Morton	64,000	1.35	86,600	60,000	1.35	81,000	124,000	1.35	167,600
Sioux	31,000	.60	18,600	38,000	1.00	38,000	69,000	.80	56,600
South Central	265,000	1.30	344,000	240,000	1.15	279,800	505,000	1.25	623,800
Dickey	36,000	1.55	55,800	29,000	1.20	34,800	65,000	1.40	90,600
LaMoure	22,000	1.65	36,400	21,000	1.15	24,200	43,000	1.40	60,600
Logan	42,500	1.30	55,300	50,000	1.10	55,200	92,500	1.20	110,500
McIntosh	33,000	1.10	36,300	48,000	1.15	55,300	81,000	1.15	91,600
Ransom	22,500	2.90	65,200	13,500	1.15	15,500	36,000	2.25	80,700
Richland	17,000	3.20	54,400	16,500	1.10	18,200	33,500	2.15	72,600
Sargent	17,000	2.25	38,100	17,000	1.25	21,200	34,000	1.75	59,300
Southeast	190,000	1.80	341,500	195,000	1.15	224,400	385,000	1.45	565,900
STATE	1,500,000	1.40	2,100,000	1,450,000	1.15	1,668,000	2,950,000	1.28	3,768,000

HAY: Acreage, Yield and Production of Alfalfa, All Other and All Hay by County, North Dakota, 1986 (Preliminary)

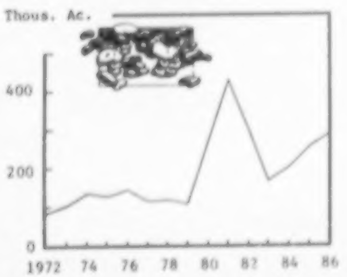
District and County	Alfalfa Hay			All Other Hay			All Hay		
	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production	Acres Harvested	Harv. Yield	Production
	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)	(Acres)	(Tons)	(Tons)
Burke	9,500	1.60	15,200	21,000	1.30	27,300	30,500	1.40	42,500
Divide	8,500	1.65	14,000	19,000	1.55	29,400	27,500	1.60	43,400
Mountrail	24,000	1.80	43,200	36,000	1.60	57,600	60,000	1.70	100,800
Renville	7,000	1.65	11,600	12,000	1.70	20,400	19,000	1.70	32,000
Ward	26,000	1.85	48,100	45,000	1.35	60,800	71,000	1.55	108,900
Williams	30,000	1.90	56,900	27,000	1.35	36,500	57,000	1.65	93,400
Northwest	105,000	1.80	189,000	160,000	1.45	232,000	265,000	1.60	421,000
Benson	13,000	1.85	24,100	38,000	1.45	55,100	51,000	1.55	79,200
Bottineau	21,000	1.70	35,700	25,000	1.15	28,800	46,000	1.40	64,500
McHenry	61,000	1.70	103,700	87,000	1.05	91,400	148,000	1.30	195,100
Pierce	15,000	2.20	33,000	38,000	1.15	43,700	53,000	1.45	76,700
Rolette	20,000	2.20	44,000	22,000	1.50	33,000	42,000	1.85	77,000
North Central	130,000	1.85	240,500	210,000	1.20	252,000	340,000	1.45	492,500
Cavalier	3,500	2.00	7,000	7,500	1.60	12,000	11,000	1.75	19,000
Grand Forks	6,500	2.75	17,900	8,000	1.30	10,400	14,500	1.95	28,300
Nelson	9,000	1.80	16,200	21,000	1.30	27,200	30,000	1.45	43,400
Pembina	9,000	2.80	25,200	7,500	1.90	14,300	16,500	2.40	39,500
Ramsey	2,500	1.75	4,400	13,000	1.25	16,300	15,500	1.35	20,700
Towner	3,000	2.55	7,700	11,000	1.40	15,400	14,000	1.65	23,100
Walsh	6,500	2.40	15,600	12,000	1.70	20,400	18,500	1.95	36,000
Northeast	40,000	2.35	94,000	80,000	1.45	116,000	120,000	1.75	210,000
Dunn	110,000	2.10	230,700	70,000	1.40	98,000	180,000	1.85	328,700
McKenzie	50,000	1.90	95,000	58,000	1.30	75,400	108,000	1.60	170,400
McLean	22,000	2.10	46,200	44,000	1.70	74,800	66,000	1.85	121,000
Mercer	42,000	1.80	75,600	25,000	1.80	45,000	67,000	1.80	120,600
Oliver	26,000	2.50	65,000	18,000	1.60	28,800	44,000	2.15	93,800
West Central	250,000	2.05	512,500	215,000	1.50	322,000	465,000	1.80	834,500
Eddy	23,000	2.10	48,300	26,000	1.20	31,200	49,000	1.60	79,500
Foster	11,500	2.30	26,500	7,000	1.10	7,700	18,500	1.85	34,200
Kidder	99,000	1.70	168,300	50,000	1.40	69,600	149,000	1.60	237,900
Sheridan	13,500	1.70	23,000	43,000	1.30	55,900	56,500	1.40	78,900
Stutsman	42,000	2.10	88,200	38,000	1.50	57,000	80,000	1.80	145,200
Wells	11,000	2.40	26,400	36,000	1.35	48,600	47,000	1.60	75,000
Central	200,000	1.90	380,700	200,000	1.35	270,000	400,000	1.65	650,700
Barnes	13,000	3.20	41,600	24,000	1.60	38,400	37,000	2.15	80,000
Cass	12,000	3.80	45,600	7,000	2.00	14,000	19,000	3.15	59,600
Griggs	14,000	2.30	32,200	12,000	1.25	15,000	26,000	1.80	47,200
Steele	2,000	2.65	5,300	3,000	1.65	5,000	5,000	2.05	10,300
Traill	4,000	3.15	12,600	4,000	1.90	7,600	8,000	2.55	20,200
East Central	45,000	3.05	137,300	50,000	1.60	80,000	95,000	2.30	217,300
Adams	41,000	1.50	61,400	23,000	1.30	29,900	64,000	1.45	91,300
Billings	52,000	1.70	88,300	33,000	1.50	49,500	85,000	1.60	137,800
Bowman	42,000	1.30	54,500	30,000	1.20	36,000	72,000	1.25	90,500
Golden Valley	17,000	1.50	25,500	19,000	0.80	15,200	36,000	1.15	40,700
Hettinger	25,000	1.90	47,500	22,000	1.30	28,600	47,000	1.60	76,100
Slope	42,000	1.40	58,800	28,000	1.10	30,800	70,000	1.30	89,600
Stark	76,000	2.00	152,000	40,000	1.60	64,000	116,000	1.85	216,000
Southwest	295,000	1.65	488,000	195,000	1.30	254,000	490,000	1.50	742,000
Burleigh	63,000	2.30	144,800	55,000	1.25	68,800	118,000	1.80	213,600
Emmons	52,000	2.50	130,000	62,000	1.35	83,700	114,000	1.85	213,700
Grant	62,000	2.00	124,000	42,000	1.55	65,100	104,000	1.80	189,100
Morton	68,000	2.50	170,000	64,000	1.65	106,700	132,000	2.10	276,700
Sioux	55,000	1.95	107,200	37,000	1.10	40,700	92,000	1.60	147,900
South Central	300,000	2.25	676,000	260,000	1.40	365,000	560,000	1.85	1,041,000
Dickey	29,000	3.30	95,700	20,000	1.70	34,000	49,000	2.65	129,700
LaMoure	24,000	3.25	78,000	21,000	1.80	37,800	45,000	2.55	115,800
Logan	44,000	2.50	110,100	48,000	1.75	83,900	92,000	2.10	194,000
McIntosh	40,000	2.25	90,100	45,000	1.30	58,500	85,000	1.75	148,600
Ransom	17,000	3.60	61,200	12,000	1.15	13,800	29,000	2.60	75,000
Richland	14,000	3.45	48,300	13,000	1.25	16,300	27,000	2.40	64,600
Sargent	17,000	3.15	53,600	21,000	1.65	34,700	38,000	2.30	88,300
Southeast	185,000	2.90	537,000	180,000	1.55	279,000	365,000	2.25	816,000
STATE	1,550,000	2.10	3,255,000	1,550,000	1.40	2,170,000	3,100,000	1.75	5,425,000

POTATOES & DRY BEANS

Acreage, Yield and Production by Counties, North Dakota, 1985 (Revised) and 1986 (Preliminary)

District and County	1985					1986				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)	(Acres)	(Acres)	(Cwt.)	(Cwt.)	(Cwt.)
POTATOES										
Grand Forks	29,000	28,000	175	180	5,040,000	26,600	26,300	185	185	4,866,000
Pembina	39,700	38,500	155	160	6,160,000	35,200	30,500	155	180	5,490,000
Towner	2,900	2,900	180	180	522,000	2,500	2,200	135	155	341,000
Walsh	64,500	61,000	160	170	10,355,000	56,200	53,700	165	175	9,399,000
Traill	5,600	5,400	170	175	945,000	4,200	4,100	190	195	800,000
Other Counties	3,300	3,200	185	190	608,000	3,300	3,200	215	220	704,000
STATE	145,000	139,000	165	170	23,630,000	128,000	120,000	170	180	21,600,000
DRY BEANS										
			(Lbs.)	(Lbs.)	(Cwt.)	(Acres)	(Acres)	(Lbs.)	(Lbs.)	(Cwt.)
Burke	---	---	---	---	---	100	100	1300	1300	1,300
Mountrail	---	---	---	---	---	100	100	1660	1660	1,660
Williams	200	200	1500	1500	3,000	200	200	1500	1500	3,000
Benson	300	300	1190	1190	3,570	200	200	1410	1410	2,820
Bottineau	200	200	1120	1120	2,240	---	---	---	---	---
McHenry	---	---	---	---	---	100	100	1460	1460	1,460
Pierce	100	100	1030	1030	1,030	100	100	1700	1700	1,700
Rolette	---	---	---	---	---	200	200	1570	1570	3,140
Cavalier	1,900	1,600	1040	1230	19,680	1,200	1,200	1310	1310	15,720
Grand Forks	62,000	58,500	1280	1350	790,550	72,000	71,600	1541	1550	1,109,830
Nelson	500	500	950	950	4,750	1,500	1,500	950	950	14,250
Pembina	35,500	31,000	1000	1150	356,500	38,000	31,700	959	1150	364,550
Ramsey	2,000	1,700	620	730	12,410	3,600	3,000	833	1000	30,000
Towner	2,100	700	310	930	6,510	1,700	1,700	1360	1360	23,120
Walsh	27,000	23,000	1180	1390	319,700	32,000	31,800	1590	1600	508,800
Dunn	---	---	---	---	---	300	300	1200	1200	3,600
McKenzie	300	300	1750	1750	5,250	300	300	1700	1700	5,100
McLean	1,000	1,000	1400	1400	14,000	1,600	1,500	1453	1550	23,250
Mercer	200	200	1350	1350	2,700	300	300	1350	1350	4,050
Oliver	100	100	1250	1250	1,250	200	200	1370	1370	2,740
Eddy	100	100	1390	1390	1,390	100	100	1730	1730	1,730
Foster	---	---	---	---	---	200	200	1390	1390	2,780
Kidder	400	400	1350	1350	5,400	300	300	1980	1980	5,940
Sheridan	300	300	1370	1370	4,110	500	500	1390	1390	6,950
Stutsman	900	900	1240	1240	11,160	200	200	1290	1290	2,580
Wells	5,300	3,700	800	1140	42,200	7,700	7,600	1382	1400	106,400
Barnes	600	600	1250	1250	7,500	500	500	1400	1400	7,000
Cass	28,000	27,300	1120	1150	313,950	28,000	27,500	1719	1750	481,250
Griggs	6,400	5,000	820	1050	52,500	4,500	4,500	1350	1350	60,750
Steele	24,000	22,300	1190	1280	285,440	29,000	28,500	1808	1840	524,400
Traill	44,000	42,000	1240	1300	545,890	48,000	47,000	1566	1600	751,800
Adams	---	---	---	---	---	100	100	1000	1000	1,000
Bowman	100	100	740	740	740	100	100	780	780	780
Hettinger	500	400	830	1040	4,160	1,500	1,500	1500	1500	22,500
Slope	---	---	---	---	---	100	100	800	800	800
Stark	200	200	770	770	1,540	1,100	1,000	1182	1300	13,000
Burleigh	300	300	1100	1100	3,300	500	500	1260	1260	6,300
Emmons	300	300	950	950	2,850	300	300	1380	1380	4,140
Grant	100	100	1030	1030	1,030	400	300	645	860	2,580
Morton	---	---	---	---	---	200	200	900	900	1,800
Sioux	400	300	710	940	2,820	---	---	---	---	---
Dickey	1,000	1,000	990	990	9,900	600	600	1900	1900	11,400
LaMoure	3,000	2,200	590	810	17,820	2,000	2,000	1960	1960	39,200
Ransom	3,200	3,100	1350	1390	43,090	4,700	4,600	1517	1550	71,300
Richland	6,000	5,600	1580	1690	94,670	5,000	5,000	1690	1690	84,500
Sargent	1,500	1,400	1030	1100	15,400	700	700	1290	1290	9,030
STATE	260,000	237,000	1160	1270	3,010,000	290,000	280,000	1497	1550	4,340,000

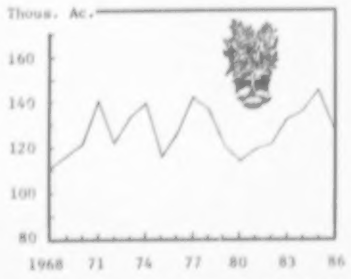
DRY BEAN PLANTED ACRES
North Dakota, 1972-86



DRY BEAN PRODUCTION,
by Commercial Classes, North Dakota,
1977-86

Year	Peas, Navy	Pinto	Other	Total
	- - - 000 Cwt. - - -			
1977	150	944	9	1,103
1978	270	966	7	1,243
1979	247	1,158	13	1,418
1980	404	2,248	26	2,678
1981	870	3,570	125	4,565
1982	840	1,596	84	2,520
1983	598	1,020	30	1,648
1984	960	1,500	60	2,520
1985	1,451	1,534	25	3,010
1986	1,435	2,820	85	4,340

POTATO PLANTED ACRES
North Dakota, 1968-86



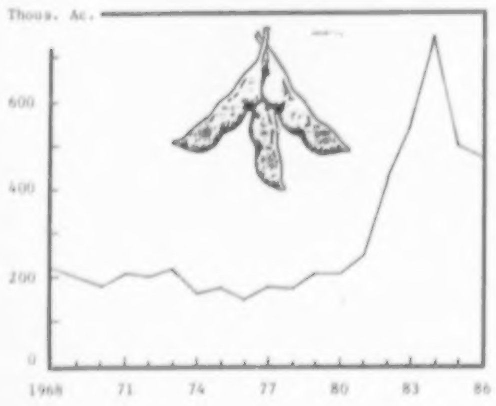
June 1987

SOYBEANS & SUGARBEETS

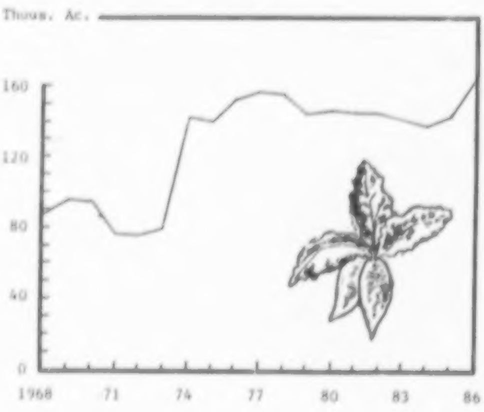
Acreage, Yield and Production by Counties, North Dakota, 1985 (Revised) and 1986 (Preliminary)

District and County	1985					1986				
	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
SOYBEANS										
Cavalier	100	100	8.0	8.0	800	---	---	---	---	---
Grand Forks	44,000	43,300	16.7	17.0	736,000	33,000	32,600	32.1	32.5	1,060,000
Nelson	3,000	2,700	11.7	13.0	35,000	1,600	1,600	24.0	24.0	38,400
Pembina	17,500	16,500	17.0	18.0	297,000	9,000	9,000	28.0	28.0	252,000
Ramsey	1,100	700	5.1	8.0	5,600	400	400	19.0	19.0	7,600
Towner	300	200	6.7	10.0	2,000	---	---	---	---	---
Walsh	9,000	7,800	14.8	17.1	133,600	5,000	5,000	25.0	25.0	125,000
Eddy	---	---	---	---	---	100	100	20.0	20.0	2,000
Foster	100	100	20.0	20.0	2,000	100	100	27.0	27.0	2,700
Kidder	100	100	15.0	15.0	1,500	---	---	---	---	---
Sheridan	600	600	14.0	14.0	8,400	100	100	22.0	22.0	2,200
Stutsman	400	400	20.0	20.0	8,000	300	300	27.0	27.0	8,100
Wells	2,300	2,200	11.3	11.9	26,100	4,600	4,600	21.5	21.5	99,000
Barnes	6,500	6,100	18.8	20.0	122,000	4,000	4,000	28.0	28.0	112,000
Cass	148,000	146,000	28.0	28.3	4,138,200	156,000	155,500	38.4	38.5	5,987,000
Griggs	2,500	2,400	11.5	12.0	28,800	2,000	2,000	30.0	30.0	60,000
Steele	15,000	14,500	18.9	19.5	283,000	12,000	11,900	33.8	34.0	405,000
Traill	63,000	62,000	24.6	25.0	1,550,000	46,000	45,600	35.7	36.0	1,641,000
Dickey	1,800	1,700	15.1	16.0	27,200	1,000	900	27.0	30.0	27,000
LaMoure	2,000	1,800	19.4	21.5	38,700	1,500	1,500	28.0	28.0	42,000
Ransom	7,000	6,900	23.7	24.0	165,700	5,000	4,500	29.7	33.0	148,500
Richland	170,000	168,500	29.6	29.9	5,034,400	187,000	184,300	34.6	35.1	6,461,500
Sargent	4,200	4,100	20.0	20.5	84,000	5,500	5,300	34.7	36.0	191,000
Other Counties	1,500	1,300	8.0	9.2	12,000	800	700	16.3	18.6	13,000
STATE	500,000	490,000	25.5	26.0	12,740,000	475,000	470,000	35.1	35.5	16,685,000
SUGARBEETS										
			(Tons)	(Tons)	(Tons)			(Tons)	(Tons)	(Tons)
Williams	4,100	4,100	16.9	16.9	69,300	4,100	4,100	18.0	18.0	73,800
Grand Forks	10,300	10,300	16.7	16.7	172,000	12,900	12,900	18.7	18.7	241,300
Pembina	32,100	32,100	15.2	15.2	486,700	38,800	38,800	16.9	16.9	655,500
Walsh	26,700	26,700	16.4	16.4	437,900	28,900	28,800	17.9	18.0	518,400
McKenzie	8,000	8,000	19.6	19.6	156,800	8,200	8,000	21.6	22.1	176,800
Cass	17,300	17,100	15.4	15.6	266,800	17,900	17,800	18.7	18.8	334,600
Traill	25,900	25,600	16.5	16.7	427,500	30,200	29,800	17.6	17.8	530,400
Richland	20,400	20,300	19.9	20.0	406,000	23,800	23,600	16.9	17.0	401,200
STATE	144,800	144,200	16.7	16.8	2,423,000	164,800	163,800	17.8	17.9	2,932,000

SOYBEAN PLANTED ACRES
North Dakota, 1968-86



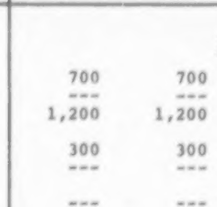
SUGARBEET PLANTED ACRES
North Dakota, 1968-86

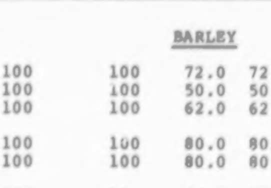


IRRIGATION

ALL WHEAT, SPRING WHEAT OTHER THAN DURUM, DURUM WHEAT AND BARLEY:
Acreage, Yield and Production on Irrigated Land by County, North Dakota, 1985 (Revised)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
	ALL WHEAT					SPRING WHEAT OTHER THAN DURUM				
Divide	1,600	1,600	62.9	62.9	100,700	900	900	54.8	54.8	49,300
Ward	200	200	45.0	45.0	9,000	200	200	45.0	45.0	9,000
Williams	3,300	3,300	55.6	55.6	183,500	2,100	2,100	54.0	54.0	113,400
Benson	800	800	45.6	45.6	36,500	500	500	40.0	40.0	20,000
McHenry	200	200	50.0	50.0	10,000	200	200	50.0	50.0	10,000
Grand Forks	300	300	60.0	60.0	18,000	300	300	60.0	60.0	18,000
Nelson	200	200	65.0	65.0	13,000	200	200	65.0	65.0	13,000
Walsh	100	100	65.0	65.0	6,500	100	100	65.0	65.0	6,500
McKenzie	5,200	5,200	71.0	71.0	369,200	5,200	5,200	71.0	71.0	369,200
McLean	1,800	1,800	47.0	47.0	84,600	1,200	1,200	48.0	48.0	57,600
Mercer	200	200	40.0	40.0	8,000	200	200	40.0	40.0	8,000
Oliver	100	100	70.0	70.0	7,000	100	100	70.0	70.0	7,000
Foster	200	200	40.0	40.0	8,000	---	---	---	---	---
Kidder	1,300	1,300	45.0	45.0	58,500	1,300	1,300	45.0	45.0	58,500
Barnes	100	100	53.0	53.0	5,300	100	100	53.0	53.0	5,300
Cass	1,700	1,700	59.5	59.5	101,200	---	---	---	---	---
Griggs	400	400	45.0	45.0	18,000	400	400	45.0	45.0	18,000
Steele	300	300	50.0	50.0	15,000	300	300	50.0	50.0	15,000
Traill	200	200	60.0	60.0	12,000	200	200	60.0	60.0	12,000
Emmons	600	600	50.0	50.0	30,000	600	600	50.0	50.0	30,000
Grant	100	100	45.0	45.0	4,500	100	100	45.0	45.0	4,500
Morton	100	100	45.0	45.0	4,500	100	100	45.0	45.0	4,500
Dickey	700	700	46.0	46.0	32,200	700	700	46.0	46.0	32,200
LaMoure	700	700	42.9	42.9	30,000	300	300	45.7	45.7	13,700
Logan	100	100	45.0	45.0	4,500	100	100	45.0	45.0	4,500
Ransom	200	200	40.0	40.0	8,000	---	---	---	---	---
Sargent	300	300	50.0	50.0	15,000	300	300	50.0	50.0	15,000
State	21,000	21,000	56.8	56.8	1,192,700	15,700	15,700	57.0	57.0	894,200
	DURUM WHEAT					BARLEY				
Divide	700	700	73.4	73.4	51,400	100	100	72.0	72.0	7,200
Ward	---	---	---	---	---	100	100	50.0	50.0	5,000
Williams	1,200	1,200	58.4	58.4	70,100	100	100	62.0	62.0	6,200
Benson	300	300	55.0	55.0	16,500	100	100	80.0	80.0	8,000
McHenry	---	---	---	---	---	100	100	80.0	80.0	8,000
Nelson	---	---	---	---	---	100	100	50.0	50.0	5,000
McKenzie	---	---	---	---	---	800	800	87.3	87.3	69,800
McLean	600	600	45.0	45.0	27,000	200	200	76.5	76.5	15,300
Oliver	---	---	---	---	---	100	100	86.0	86.0	8,600
Eddy	---	---	---	---	---	200	200	80.0	80.0	16,000
Foster	200	200	40.0	40.0	8,000	200	200	80.0	80.0	16,000
Kidder	---	---	---	---	---	100	100	61.0	61.0	6,100
Barnes	---	---	---	---	---	100	100	80.0	80.0	8,000
Cass	1,700	1,700	59.5	59.5	101,200	---	---	---	---	---
Griggs	---	---	---	---	---	600	600	90.0	90.0	54,000
Emmons	---	---	---	---	---	100	100	80.0	80.0	8,000
Grant	---	---	---	---	---	100	100	75.0	75.0	7,500
Morton	---	---	---	---	---	100	100	75.0	75.0	7,500
Dickey	---	---	---	---	---	400	400	96.0	96.0	38,400
LaMoure	400	400	40.8	40.8	16,300	---	---	---	---	---
Logan	---	---	---	---	---	100	100	80.0	80.0	8,000
Ransom	200	200	40.0	40.0	8,000	300	300	75.0	75.0	22,500
STATE	5,300	5,300	56.3	56.3	298,500	4,000	4,000	81.3	81.3	325,100





IRRIGATION CONT.

ALL WHEAT, SPRING WHEAT OTHER THAN DURUM, DURUM WHEAT AND BARLEY: Acreage, Yield and Production on Irrigated Land by County, North Dakota, 1986 (Preliminary)

District and County	Acres Planted	Acres Harvested	Yield/Acre		Production	Acres Planted	Acres Harvested	Yield/Acre		Production
			Pltd.	Harv.				Pltd.	Harv.	
	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)	(Acres)	(Acres)	(Bu.)	(Bu.)	(Bu.)
	ALL WHEAT					SPRING WHEAT OTHER THAN DURUM				
Divide	1,700	1,600	55.5	59.0	94,400	500	500	52.4	52.4	26,200
Ward	500	500	46.0	46.0	23,000	500	500	46.0	46.0	23,000
Williams	4,100	4,100	54.9	54.9	225,200	3,000	3,000	57.5	57.5	172,500
Benson	1,700	1,700	36.4	36.4	61,900	400	400	41.0	41.0	16,400
McHenry	300	300	54.0	54.0	16,200	300	300	54.0	54.0	16,200
Grand Forks	1,000	1,000	53.0	53.0	53,000	1,000	1,000	53.0	53.0	53,000
Ramsey	200	200	40.0	40.0	8,000	100	100	40.0	40.0	4,000
Walsh	100	100	45.0	45.0	4,500	100	100	45.0	45.0	4,500
McKenzie	5,500	5,400	65.8	67.0	361,800	5,500	5,400	65.8	67.0	361,800
McLean	2,300	2,300	42.3	42.3	97,300	1,300	1,300	41.0	41.0	53,300
Mercer	100	100	40.0	40.0	4,000	100	100	40.0	40.0	4,000
Oliver	300	300	43.0	43.0	12,900	300	300	43.0	43.0	12,900
Eddy	500	500	40.0	40.0	20,000	500	500	40.0	40.0	20,000
Foster	700	700	39.3	39.3	27,500	500	500	41.0	41.0	20,500
Kidder	2,000	2,000	48.5	48.5	97,000	2,000	2,000	48.5	48.5	97,000
Stutsman	200	200	41.0	41.0	8,200	100	100	42.0	42.0	4,200
Barnes	700	700	35.0	35.0	24,500	700	700	35.0	35.0	24,500
Cass	2,300	2,300	38.3	38.3	88,200	1,700	1,700	36.0	36.0	61,200
Griggs	500	500	40.0	40.0	20,000	500	500	40.0	40.0	20,000
Steele	500	500	46.0	46.0	23,000	400	400	45.0	45.0	18,000
Traill	100	100	50.0	50.0	5,000	100	100	50.0	50.0	5,000
Burleigh	100	100	60.0	60.0	6,000	100	100	60.0	60.0	6,000
Emmons	1,000	1,000	54.0	54.0	54,000	1,000	1,000	54.0	54.0	54,000
Grant	100	100	45.0	45.0	4,500	100	100	45.0	45.0	4,500
Sioux	200	200	40.0	40.0	8,000	200	200	40.0	40.0	8,000
Dickey	1,000	1,000	29.0	29.0	29,000	200	200	45.0	45.0	9,000
LaMoure	800	800	33.1	33.1	26,500	700	700	35.0	35.0	24,500
Logan	300	300	34.0	34.0	10,200	200	200	40.0	40.0	8,000
Ransom	700	700	55.0	55.0	38,500	700	700	55.0	55.0	38,500
Sargent	100	100	22.0	22.0	2,200	---	---	---	---	---
STATE	29,600	29,400	49.1	49.5	1,454,500	22,800	22,700	51.3	51.6	1,170,700
	DURUM WHEAT					BARLEY				
Divide	1,200	1,100	56.8	62.0	68,200	---	---	---	---	---
Ward	---	---	---	---	---	200	200	55.0	55.0	11,000
Williams	1,100	1,100	47.9	47.9	52,700	300	300	69.0	69.0	20,700
Benson	1,300	1,300	35.0	35.0	45,500	100	100	75.0	75.0	7,500
McHenry	---	---	---	---	---	100	100	75.0	75.0	7,500
Rolette	---	---	---	---	---	100	100	70.0	70.0	7,000
Grand Forks	---	---	---	---	---	100	100	80.0	80.0	8,000
Ramsey	100	100	40.0	40.0	4,000	100	100	70.0	70.0	7,000
McKenzie	---	---	---	---	---	1,400	1,300	81.4	87.6	113,900
McLean	1,000	1,000	44.0	44.0	44,000	200	200	80.0	80.0	16,000
Oliver	---	---	---	---	---	700	600	42.9	50.0	30,000
Eddy	---	---	---	---	---	400	400	80.0	80.0	32,000
Foster	200	200	35.0	35.0	7,000	200	200	75.0	75.0	15,000
Kidder	---	---	---	---	---	300	300	65.0	65.0	19,500
Stutsman	100	100	40.0	40.0	4,000	---	---	---	---	---
Cass	600	600	45.0	45.0	27,000	---	---	---	---	---
Griggs	---	---	---	---	---	400	400	65.0	65.0	26,000
Steele	100	100	50.0	50.0	5,000	---	---	---	---	---
Golden Valley	---	---	---	---	---	400	400	70.0	70.0	28,000
Burleigh	---	---	---	---	---	500	500	70.0	70.0	35,000
Emmons	---	---	---	---	---	600	500	58.3	70.0	35,000
Grant	---	---	---	---	---	100	100	65.0	65.0	6,500
Morton	---	---	---	---	---	100	100	75.0	75.0	7,500
Dickey	800	800	25.0	25.0	20,000	700	700	63.6	63.6	44,500
LaMoure	100	100	20.0	20.0	2,000	300	300	55.0	55.0	16,500
Logan	100	100	22.0	22.0	2,200	100	100	50.0	50.0	5,000
Ransom	---	---	---	---	---	300	300	60.0	60.0	18,000
Sargent	100	100	22.0	22.0	2,200	100	100	85.0	85.0	8,500
STATE	6,800	6,700	41.7	42.4	283,800	7,800	7,500	67.4	70.1	525,600

IRRIGATION CONT.

CORN: Acreage, Yield and Production on Irrigated Land by County, North Dakota, 1985 (Revised) and 1986 (Preliminary)

County	1985			1986		
	Acres Harvested	Yield per Harvested Acre	Production	Acres Harvested	Yield per Harvested Acre	Production
	(Acres)	(Bu.)	(Bu.)	(Acres)	(Bu.)	(Bu.)
				CORN FOR GRAIN		
Williams	200	68.0	13,600	---	---	---
Benson	700	65.0	45,500	900	96.0	86,400
McHenry	1,700	85.6	145,600	1,500	100.0	150,000
Grand Forks	700	75.0	52,500	1,000	141.0	141,000
Nelson	100	70.0	7,000	---	---	---
Ramsey	100	75.0	7,500	---	---	---
McKenzie	400	67.0	26,800	100	104.0	10,400
McLean	1,200	96.0	115,200	1,400	101.0	141,400
Oliver	---	---	---	400	111.0	44,400
Eddy	200	65.0	13,000	400	101.0	40,400
Foster	700	64.5	45,150	700	105.0	73,500
Kidder	4,400	60.7	267,000	4,400	109.0	479,600
Stutsman	1,200	63.0	75,600	900	101.0	90,900
Wells	100	63.0	6,300	---	---	---
Barnes	1,700	83.0	141,100	900	112.0	100,800
Cass	7,500	82.0	615,000	5,700	138.0	786,600
Griggs	1,700	77.3	131,400	400	101.0	40,400
Steele	1,300	83.5	108,550	1,000	151.0	151,000
Traill	200	80.0	16,000	---	---	---
Golden Valley	200	70.0	14,000	---	---	---
Burleigh	800	80.0	64,000	2,300	110.0	253,000
Emmons	2,300	118.7	273,100	2,400	141.0	338,400
Morton	600	80.0	48,000	500	113.0	56,500
Sioux	100	75.0	7,500	---	---	---
Dickey	10,600	119.0	1,261,400	7,700	125.0	962,500
LaMoure	2,800	98.5	275,800	2,700	115.0	310,500
Logan	400	105.0	42,000	500	116.0	58,000
Ransom	12,200	121.0	1,476,200	14,000	133.0	1,862,000
Richland	1,300	129.0	167,700	1,100	121.0	133,100
Sargent	8,100	105.0	850,500	5,800	119.0	690,200
STATE	63,500	99.4	6,313,000	56,700	123.5	7,001,000
				CORN FOR SILAGE		
	(Acres)	(Ton)	(Ton)	(Acres)	(Ton)	(Ton)
Divide	200	8.0	1,600	100	14.0	1,400
Ward	400	8.0	3,200	200	17.0	3,400
Williams	400	10.0	4,000	500	17.0	8,500
Benson	700	11.0	7,700	---	---	---
Pierce	200	10.0	2,000	---	---	---
Rolette	200	10.0	2,000	200	15.0	3,000
Grand Forks	400	13.0	5,200	---	---	---
Nelson	100	13.0	1,300	300	14.0	4,200
Dunn	100	9.0	900	---	---	---
McKenzie	1,200	19.0	22,800	1,500	18.5	27,800
McLean	1,200	20.0	24,000	700	18.6	13,000
Mercer	1,200	12.0	14,400	1,000	19.0	19,000
Oliver	900	17.0	15,300	300	16.0	4,800
Eddy	700	11.0	7,700	200	14.0	2,800
Foster	800	9.0	7,200	1,000	15.0	15,000
Kidder	1,100	9.0	9,900	400	19.5	7,800
Sheridan	---	---	---	100	18.0	1,800
Stutsman	1,100	9.0	9,900	1,500	18.0	27,000
Wells	---	---	---	100	16.0	1,600
Griggs	400	18.0	7,200	1,400	14.5	20,300
Traill	100	18.0	1,800	100	15.0	1,500
Adams	---	---	---	100	12.0	1,200
Golden Valley	200	10.0	2,000	400	13.0	5,200
Stark	100	9.0	900	---	---	---
Burleigh	2,300	10.5	24,150	---	---	---
Emmons	1,000	9.0	9,000	---	---	---
Grant	900	12.5	11,250	600	12.0	7,200
Morton	1,400	13.0	18,200	1,500	11.8	17,700
Sioux	400	10.0	4,000	300	12.0	3,600
LaMoure	300	11.5	3,450	100	15.0	1,500
Logan	200	19.0	3,800	---	---	---
Ransom	600	13.5	8,100	300	14.0	4,200
Sargent	---	---	---	200	14.0	2,800
STATE	18,800	12.4	232,950	13,100	15.7	206,300

FARM MARKETINGS

Estimated Percent of Crop Year Total Sold on Open Market by Months
North Dakota, 1981-85

Year	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
						Percent						
ALL WHEAT												
1981	8	14	13	11	8	6	5	6	6	8	6	9
1982	9	14	15	6	7	4	5	6	8	8	7	11
1983	7	21	13	7	8	7	6	6	7	6	4	8
1984	5	22	11	9	10	5	5	7	6	6	6	8
1985	5	8	12	11	8	9	9	5	8	8	7	10
BARLEY												
1981	13	19	11	5	7	9	6	8	6	4	5	7
1982	9	19	7	3	5	7	6	9	6	10	8	11
1983	7	22	10	9	9	6	6	6	7	5	5	8
1984	8	28	8	6	6	[illegible]	6	5	6	6	6	10
1985	8	16	9	6	5	7	9	6	6	6	8	14
OATS												
1981	9	16	10	6	8	8	6	8	7	7	7	8
1982	11	18	8	6	5	9	6	7	7	9	6	8
1983	5	22	12	10	9	8	8	5	5	5	4	7
1984	9	22	12	7	8	9	6	5	6	6	4	6
1985	9	13	11	8	5	7	16	8	7	5	4	7
FLAXSEED												
1981	5	4	32	15	15	9	4	3	3	3	2	5
1982	4	7	36	11	12	5	3	2	2	4	3	11
1983	4	12	40	16	6	[illegible]	5	3	3	3	2	3
1984	2	14	25	12	10	5	13	4	4	3	6	2
1985	1	1	9	35	11	3	6	5	7	6	2	14
RYE												
1981	12	37	12	2	7	4	11	[illegible]	4	1	1	1
1982	22	28	4	12	11	1	1	1	1	4	1	14
1983	8	44	8	2	3	1	9	3	1	5	6	10
1984	10	18	4	3	1	6	10	10	13	1	15	9
1985	14	7	20	3	2	5	16	1	9	5	12	6

Year	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
POTATOES												
1981	--	5	10	14	13	13	11	16	14	3	1	--
1982	--	10	8	7	8	14	11	17	17	7	1	--
1983	1	8	10	10	12	12	13	15	16	3	--	--
1984	--	8	11	11	11	12	12	16	12	6	1	--
1985	--	8	8	12	12	12	12	13	15	7	1	--

Year	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
SUNFLOWER												
1981	3	23	25	6	6	7	9	6	7	5	2	1
1982	1	9	21	15	8	5	7	10	8	9	4	3
1983	5	40	20	10	6	3	4	6	2	2	1	1
1984	--	14	39	9	6	3	5	8	6	7	2	1
1985	--	4	14	12	15	7	6	9	10	13	8	2
SOYBEANS												
1981	13	10	12	7	8	7	6	6	10	13	4	4
1982	2	16	21	14	4	7	2	10	[illegible]	7	7	3
1983	10	21	26	10	3	5	5	7	5	3	2	1
1984	4	23	11	7	14	5	6	5	7	6	9	3
1985	5	14	18	20	6	6	7	4	6	3	6	5
DRY BEANS												
1981	40	20	16	4	2	6	3	2	2	2	2	1
1982	23	27	7	8	6	5	5	4	5	5	2	3
1983	19	10	10	4	4	7	7	6	11	8	3	11
1984	32	9	9	11	10	4	6	7	3	6	2	1
1985	14	19	10	9	16	3	5	9	4	5	4	2

Year	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CORN												
1981	7	34	7	11	13	7	4	2	6	5	2	2
1982	2	8	13	13	5	7	7	10	5	10	14	6
1983	14	28	6	11	6	11	6	3	5	5	2	3
1984	18	19	8	4	5	9	7	3	6	17	2	2
1985	9	34	21	12	7	2	3	3	3	3	1	2

Year	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
ALL HAY												
1981	2	3	6	5	7	19	14	14	12	9	8	1
1982	4	10	6	5	11	13	8	10	11	10	8	4
1983	1	4	8	7	7	13	9	15	6	14	12	4
1984	1	3	2	9	10	19	12	14	11	9	6	4
1985	3	15	7	8	10	16	9	9	7	9	6	1

-NOTES-

LIVESTOCK

DAIRY

POULTRY

NORTH DAKOTA LIVESTOCK

CATTLE

All cattle and calves totaled 1.9 million head on January 1, 1987, down 5 percent from January 1986 and 7 percent less than the 1985 total. This is the third consecutive yearly decline after the inventory reached 2.1 million head in 1984. The number of heifers for beef cow replacement increased from the 1986 level, while all other classes declined. Beef cow numbers fell 5 percent while the number of dairy cows was down 10 percent. The 1986 calf crop of 1,000,000 head was down 4 percent. There were 17,200 cattle operations during 1986, 600 fewer than 1985.

Value of cattle and calves on hand January 1 was estimated at $798.0 million, up 1 percent. Value per head rose to $420 from $395 in 1986.

HOGS

The December 1, 1986 hog and pig inventory totaled 275,000, down 4 percent from 1985. Hog inventories over the past 10 years have fluctuated from a high of 370,000 in 1979 to a low of 210,000 in 1982. Breeding hogs increased 6 percent while the number of market hogs were down 5 percent. Number of farms with hogs in 1986 was 3,000, unchanged from 1985.

Average value per head, at $88.50 was up 29 percent from 1985. Total value of hogs and pigs was $24.3 million, up 25 percent.

SHEEP

A total of 185,000 sheep and lambs were on farms January 1, 1987, up 3 percent from the previous year. Stock sheep and lamb numbers rose 14 percent to 160,000 head. Wool production dropped 11 percent from 1985. The number of sheep shorn fell 15 percent, but the average weight per fleece of 9.6 pounds was above the 9.2 in 1985. The value of wool production dropped 7 percent to total $875,000.

Livestock Inventory
January 1, North Dakota, 1978-87

Year	All Cattle	All Hogs 1/	All Sheep	All Chickens 1/
	- - - (Thousand Head) - - -			
1978	2,050	320	213	600
1979	1,967	335	198	560
1980	2,000	370	236	520
1981	1,850	265	272	460
1982	2,000	280	280	500
1983	2,050	210	222	510
1984	2,100	260	219	625
1985	2,050	255	215	635
1986	2,000	285	180	540
1987	1,900	275	185	290

1/ Relates to December 1 previous year.

DAIRY & POULTRY

Milk production for 1986 was 1,074 million pounds, down 4 percent from 1985. Average milk per cow was 11,072 lbs., down slightly from 11,089 in 1985. An average 97,000 cows were on farms during 1986, down 4,000 head from the 1985 average.

Farm value of the milk produced in 1986 was $121.4 million, down from $127.7 million in 1985. The average price was $11.30 per hundredweight, 10 cents lower than 1985.

Chicken inventory on December 1, 1986 totaled 290,000, down 46 percent from the previous year. Number of laying age was down 48 percent from December 1985. Total value of chickens on December 1, 1986 at $609,000 was down 44 percent from 1985. Egg production dropped to 61 million down from 118 million eggs in 1985.

Number of Livestock Farms by Specie and
Number of All Farms, North Dakota, 1977-86

Year	All Cattle	Milk Cows	Hogs	All Sheep	All Farms
	- - - Thousand - - -				
1977	24.0	5.5	5.0	1.9	41.0
1978	22.0	5.1	4.8	1.8	41.0
1979	22.0	4.8	4.5	1.8	40.5
1980	21.0	4.2	4.0	2.1	40.0
1981	20.0	4.2	3.6	2.1	38.5
1982	19.2	4.0	2.8	2.2	37.0
1983	19.0	3.9	2.8	2.0	36.5
1984	18.5	3.7	3.0	2.1	35.5
1985	17.8	3.4	3.0	2.0	34.0
1986	17.2	3.0	3.0	1.8	33.0

Commercial Livestock Slaughter
North Dakota, 1982-86

Year	Number	Aveage Liveweight Per Head	Total Liveweight	Red Meat Production
	(000 Hd.)	(Lbs.)	(000 Lbs.)	(000 Lbs.)
		CATTLE		
1982	170.0	1,071	182,003	NA
1983	159.0	1,083	172,142	NA
1984	182.3	1,065	194,125	NA
1985	161.4	1,088	175,479	NA
1986	146.7	1,089	159,8[illegible]	NA
		HOGS		
1982	49.3	228	11,214	NA
1983	70.2	218	15,301	NA
1984	78.4	214	16,806	NA
1985	85.0	215	18,303	NA
1986	81.0	218	17,626	NA
		ALL SPECIES		
1982	220.6	NA	193,481	103,127
1983	230.6	NA	187,696	100,742
1984	262.1	NA	211,191	112,679
1985	247.6	NA	194,004	104,268
1986	228.9	NA	177,676	94,731

NA - Not Available

LIVESTOCK VALUES: January 1, North Dakota, 1983-87

Species	Value Per Head					Total Value				
	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
	- - - - - Dollars - - - - -					- - - - - Thousand Dollars - - - - -				
All Cattle	420.00	420.00	415.00	395.00	420.00	861,000	882,000	850,750	790,000	798,000
All Hogs 1/	94.00	64.00	75.50	68.50	88.50	19,740	16,640	19,253	19,523	24,338
All Sheep	47.00	48.00	55.00	66.00	79.50	10,434	10,512	11,825	11,880	14,708
All Chickens 1/	1.80	2.00	2.10	2.00	2.10	918	1,250	1,334	1,080	609

1/ Relates to December 1 previous year.

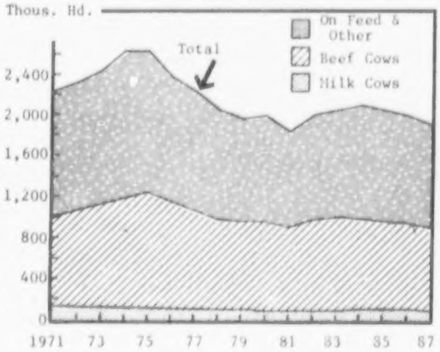
CATTLE

Cattle Inventory Numbers, North Dakota, Specified Dates, 1983-87

Class	January 1				
	1983	1984	1985	1986	1987
	- - - - - - Thousand Head - - - - - -				
ALL CATTLE	2,050	2,100	2,050	2,000	1,900
Cows & Heifers that have calved	1,100	1,092	1,061	1,060	1,000
Beef	1,005	993	964	958	908
Milk	95	99	97	102	92
Heifers over 500 lbs.	239	269	297	310	302
Beef Replacement	130	145	148	134	139
Milk Replacement	25	26	29	36	33
Other	84	98	120	140	130
Steers over 500 lbs.	162	189	195	210	195
Bulls over 500 lbs.	49	52	49	50	46
Steers, Heifers & Bulls under 500 lbs.	500	498	448	370	357

CATTLE: Production, Disposition & Income, North Dakota, 1982-86

Item	Unit	1983	1984	1985	1986
Number on Hand Beginning of Yr.	000 Head	2,050	2,100	2,050	2,000
Calves Born	000 Head	1,030	1,050	1,040	1,000
Inshipments	000 Head	81	80	85	60
Marketings:					
Cattle	000 Head	666	748	702	709
Calves	000 Head	313	335	380	360
Total	000 Head	979	1,083	1,082	1,069
Farm Slaughter	000 Head	7	6	8	6
Deaths:					
Cattle	000 Head	20	21	20	20
Calves	000 Head	55	70	65	65
Total	000 Head	75	91	85	85
Number on Hand End of Year	000 Head	2,100	2,050	2,000	1,900
Production	000 Lbs.	819,470	836,260	832,820	752,450
Marketings	000 Lbs.	805,080	891,130	873,030	866,480
Price/100 Lbs.:					
Cattle	Dollars	52.90	52.70	53.30	51.30
Calves	Dollars	62.80	62.30	64.10	63.50
All Classes	Dollars	54.20	53.92	54.89	53.02
Cash Receipts	000 Dols.	436,379	480,520	479,238	459,389
Value of Home Consumption	000 Dols.	7,292	7,156	7,874	6,713
Gross Income	000 Dols.	443,671	487,676	487,112	466,102


CATTLE & CALVES ON FARMS
North Dakota, January 1, 1971-87

HISTORIC CATTLE INVENTORY NUMBERS, North Dakota, January 1, 1978-87

Year	Cows That Have Calved		On Feed	Other	Total Cattle & Calves
	Beef	Dairy			
	- - - - - Thousand Head - - - - -				
1978	976	104	33	937	2,050
1979	962	96	34	875	1,967
1980	962	93	39	906	2,000
1981	910	93	37	810	1,850
1982	978	92	36	894	2,000
1983	1,005	95	39	911	2,050
1984	993	99	35	973	2,100
1985	964	97	38	951	2,050
1986	958	102	42	898	2,000
1987	908	92	38	862	1,900

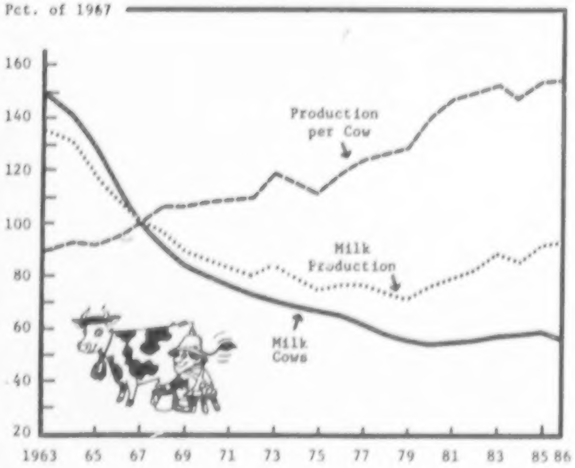
DAIRY

MILK: Production, Disposition & Income, North Dakota, 1985-86

Item	Unit	1985	1986
Average Number of Milk Cows on Farms	000 Head	101	97
Production of Milk and Milkfat			
a) Per Cow, Milk	Pounds	11,089	11,072
b) Per Cow, Milkfat	Pounds	400	402
c) Percent of fat in Milk	Percent	3.61	3.63
d) Total:			
Milk	Mil. Lbs.	1,120	1,074
Milkfat	Mil. Lbs.	40.4	39.0
Milk Used on Farms Where Produced			
a) Fed to Calves	Mil. Lbs.	35	38
b) Used for milk cream & butter	Mil. Lbs.	8	6
c) Total	Mil. Lbs.	43	44
Milk Marketed by Farmers			
Sold to plants & dealers as whole milk 1/	Mil. Lbs.	1,077	1,030
Percent fluid grade	Percent	48	48
Combined Marketing of Milk and Cream			
a) Milk utilized	Mil. Lbs.	1,077	1,030
b) Average returns			
1. Per 100 lbs. of milk	Dollars	11.40	11.30
2. Per lb. of milkfat	Dollars	3.16	3.11
c) Cash Receipts from marketing	000 Dols.	122,778	116,390
Used for Milk, Cream and Butter on Farms Where Produced			
a) Milk utilized	Mil. Lbs.	8	6
b) Value	000 Dols.	912	678
Gross Producer Income 2/	000 Dols.	123,690	117,068
Farm Value of Milk Produced	000 Dols.	127,680	121,362

1/ Includes small amount of farm skimmed cream and milk and cream retailed directly to consumer by producers.
2/ Cash receipts plus value of milk used for home consumption.

Index of Milk Production, Number of Milk Cows and Milk per Cow North Dakota, 1963-85 (1967=100)



MILK PRODUCTION: Cows Milked, Production per Cow & Total Production, North Dakota, by Months, 1985-Quarterly 1986

Month	No. of Cows Milked		Production per Cow		Total Milk Produced	
	1985	1986	1985	1986	1985	1986
	(000 Hd.)		(Lbs.)		(Mil. Lbs.)	
Jan.	97		870		84	
Feb.	97	102	815	2,720	79	277
Mar.	98		930		91	
Apr.	102		950		97	
May	104	99	1,070	3,070	111	304
June	104		1,070		111	
July	102		1,030		105	
Aug.	102	94	930	2,760	95	259
Sept.	102		850		87	
Oct.	102		850		87	
Nov.	102	92	820	2,540	84	234
Dec.	102		870		89	
ANNUAL 1/	101	97	11,089	11,072	1,120	1,074

1/ Average number on farms during year.

MONTHLY AMERICAN CHEESE & BUTTER PRODUCTION North Dakota, 1985-86

Month	American Cheese		Butter	
	1985	1986	1985	1986
	- - Thousand		Pounds - -	
Jan.	3,993	4,002	505	507
Feb.	3,535	3,697	416	731
Mar.	4,214	4,374	535	833
Apr.	4,668	4,592	571	829
May	5,530	5,429	569	699
June	5,907	5,662	502	535
July	5,497	3,906	482	282
Aug.	4,926	3,945	295	247
Sept.	4,203	3,272	350	339
Oct.	3,871	3,159	401	411
Nov.	3,701	3,081	375	300
Dec.	3,946	3,374	478	373
Total	53,991	48,493	5,479	6,086

Source: See table below.

MANUFACTURED DAIRY PRODUCTS PRODUCTION North Dakota, 1985-86

Item	1985	1986
	- 000 Lbs. -	
Butter	5,479	6,086
American Cheese	53,991	48,493
Cottage Cheese Creamed	2,459	2,140
Lowfat Cottage Cheese	3,705	3,664
Non-Fat Dry Milk: Human Food	7,664	7,736
Dry Buttermilk	295	343
	- 000 Gals. -	
Ice Cream	2,225	2,074
Ice Milk	928	918
Milk Sherbet	214	196
Ice Cream Mix	820	875
Ice Milk Mix	735	602
Milk Sherbet Mix	148	133

Source: N.D. State Dairy Commissioner and N.D. Agricultural Statistics Service cooperating.

HOGS

Hog and Pig Inventory Numbers, North Dakota, 1982-86

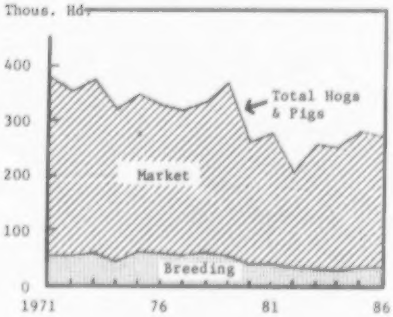
Class	1982		1983		1984		1985		1986	
	December 1		December 1		December 1		December 1		December 1	
	- - - - - - - Thousand Head - - - - - - -									
ALL HOGS & PIGS	210		260		255		285		275	
Kept for Breeding	34		33		31		35		37	
Market	176		227		224		250		238	
Market Hogs & Pigs										
Under 60 Lbs.	58		75		85		86		86	
60-119 Lbs.	50		63		68		71		63	
120-179 Lbs.	36		51		40		53		47	
180 Lbs. & Over	32		38		31		40		42	
	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
PIG CROP										
Sows Farrowed	28	23	30	28	27	26	30	29	33	30
Pigs per Litter	7.1	7.4	7.7	7.3	8.0	7.6	7.8	7.7	7.9	7.7
Pig Crop	199	170	231	204	216	198	234	223	261	231

HOGS: Production, Disposition & Income, North Dakota, 1983-86

Item	Unit	1983	1984	1985	1986
Number on Hand Beginning of Yr. 1/	000 Head	210	260	255	285
Pig Crop	000 Head	435	414	457	492
Inshipments	000 Head	17	15	19	15
Marketings	000 Head	365	402	421	494
Farm Slaughter	000 Head	7	7	5	4
Deaths	000 Head	30	25	20	19
Number on Hand End of Yr.	000 Head	260	255	285	275
Production	000 Lbs.	81,554	76,925	87,015	98,372
Marketings	000 Lbs.	74,345	77,645	80,790	98,007
Price/100 Lbs.	Dollars	43.00	44.00	41.70	47.60
Cash Receipts	000 Dols.	32,472	34,887	34,475	47,604
Value of Home Consumption	000 Dols.	1,385	1,417	897	830
Gross Income	000 Dols.	33,857	36,304	35,372	48,434

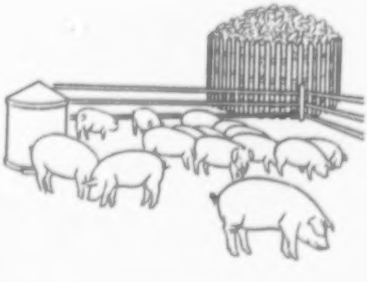
1/ December 1 preceding year.

HOGS AND PIGS ON FARMS
North Dakota, December 1, 1971-86



HISTORIC HOG INVENTORY NUMBERS
North Dakota, December 1, 1977-86

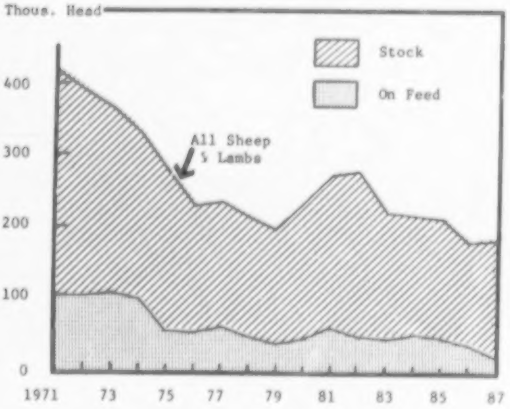
Year	Breeding	Market	Total	Year	Breeding	Market	Total
- - - - - Thousand Head - - - - -							
1977	54	266	320	1982	34	176	210
1978	61	274	335	1983	33	227	260
1979	56	314	370	1984	31	224	255
1980	40	225	265	1985	35	250	285
1981	40	240	280	1986	37	238	275



SHEEP

SHEEP: Inventory Numbers,
North Dakota, January 1, 1983-87

Class	1983	1984	1985	1986	1987
	- - Thousand Head - -				
All Sheep & Lambs	222	219	215	180	185
Number on Feed	47	54	50	40	25
Total Stock Sheep	175	165	165	140	160
Ewes 1 year plus	138	134	140	120	120
Ewe Lambs	25	21	15	13	29
Wether & Ram Lambs	7	5	5	3	7
Rams & Wether 1 year plus	5	5	5	4	4



SHEEP AND LAMBS ON FARMS
North Dakota, January 1, 1971-87

HISTORIC SHEEP INVENTORY NUMBERS
North Dakota, January 1, 1978-87

Year	On Feed	Stock Sheep	Total	Year	On Feed	Stock Sheep	Total
	--- 000 Head ---				--- 000 Head ---		
1978	48	165	213	1983	47	175	222
1979	38	160	198	1984	54	165	219
1980	46	190	236	1985	50	165	215
1981	62	210	272	1986	40	140	180
1982	50	230	280	1987	25	160	185

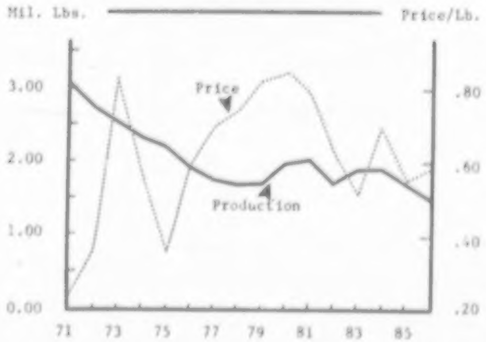
SHEEP & LAMBS
Production, Disposition & Income, North Dakota, 1983-86

Item	Unit	1983	1984	1985	1986
Number on Hand Beginning of Yr.	000 Head	222	219	215	180
Lambs Saved	000 Head	170	180	160	165
Inshipments	000 Head	18	17	18	15
Marketings:					
Sheep	000 Head	23	10	38	15
Lambs	000 Head	134	151	146	134
Total	000 Head	157	161	184	149
Farm Slaughter	000 Head	1	1	1	1
Deaths:					
Sheep	000 Head	15	17	10	7
Lambs	000 Head	18	22	18	18
Total	000 Head	33	39	28	25
Number on Hand End of Year	000 Head	219	215	180	185
Production	000 Lbs.	13,950	14,281	14,284	15,475
Marketings	000 Lbs.	15,510	15,438	19,975	15,840
Price/100 Lbs.:					
Sheep	Dollars	13.80	12.60	18.80	21.80
Lambs	Dollars	50.60	57.80	65.30	67.80
All Classes	Dollars	43.78	54.32	54.24	62.35
Cash Receipts	000 Dols	6,790	8,386	10,835	9,877
Value of Home Consumption	000 Dols	101	121	144	149
Gross Income	000 Dols	6,891	8,507	10,979	10,026

Wool

Item	Unit	1983	1984	1985	1986
Sheep Shorn	000 Head	200	200	185	157
Production	000 Lbs.	1,905	1,919	1,704	1,509
Fleece Weight	Pounds	9.5	9.6	9.2	9.6
Price/Lb.	Dollars	51	70	55	58
Value of Production	000 Dols	972	1,343	937	875

WOOL PRODUCTION AND PRICE
North Dakota, 1971-86



POULTRY & HONEY

Chicken Inventory by Class, North Dakota, December 1, 1982-86

Class	1982	1983	1984	1985	1986
	- - Thousand Head - -				
ALL CHICKENS	510	625	635	540	290
Laying Age	402	583	500	440	230
Hens	241	125	215	275	128
Pullets	161	458	285	165	102
Other	108	42	135	100	60

EGG PRODUCTION: Average Number of Layers and Total Egg Production by Quarters, North Dakota, 1982-86

Quarter	Average Number of Layers				
	1982	1983	1984	1985	1986 1/
	(000 Layers)				
Dec.*-Feb.	420	400	537	500	325
Mar.-May	423	457	487	495	228
June-Aug.	409	520	492	473	240
Sept.-Nov.	398	553	500	448	233
Annual	413	483	504	479	256
	Eggs Produced (Mil. Eggs)				
Dec.*-Feb.	26	24	32	31	19
Mar.-May	27	30	29	31	14
June-Aug.	26	32	29	29	14
Sept.-Nov.	23	33	30	27	14
Annual	102	119	120	118	61

1/ Preliminary. *December preceding year.

CHICKENS

POULTRY: Production, Disposition & Income, North Dakota, 1983-86

Item	Unit	1983	1984	1985	1986
Lost	000 Birds	150	170	150	80
Sold, Birds	000 Birds	400	440	400	400
Pounds	000 Lbs.	1,680	1,848	1,600	1,600
Price/Lb.	Cents	7.0	8.0	10.0	9.0
Gross Income	000 Dols.	146	178	160	144

EGGS

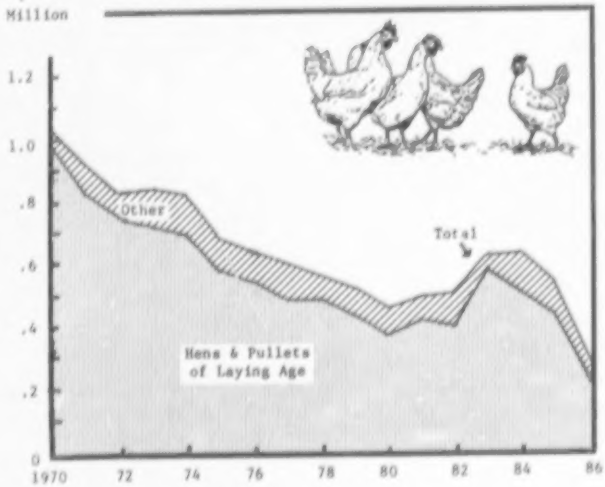
Item	Unit	1983	1984	1985	1986
Number of Layers During Year	000 Birds	483	504	479	256
Eggs per Layer	Number	246	238	246	238
Eggs Produced	Mil. Eggs	119	120	118	61
Price/Dozen	Cents	53.0	66.0	42.0	46.0
Value of Production	000 Dols.	5,256	6,600	4,130	2,338

TURKEYS

Item	Unit	1983	1984	1985	1986
Number Raised 1/	000 Head	760	870	900	1,030
Production	000 Lbs.	14,136	17,052	19,260	20,497
Price/Lb.	Cents	32.0	44.0	47.0	48.0
Value of Production	000 Dols.	4,524	7,503	9,052	9,839

1/ Based on turkeys hatched September 1 to August 31. Excludes young turkeys lost.

CHICKEN INVENTORY
North Dakota, December 1, 1970-86



Colonies of Bees, Honey and Beeswax Production and Prices, North Dakota, 1977-86*

Year	Honey						Beeswax		
	Colonies	Yield Per Colony	Production	Price Per Pound	Total Value	Stocks On Hand	Production	Price Per Pound	Total Value
	(000)	(Lbs.)	(000 Lbs.)	(Dols.)	(000 $)	(000 Lbs.)	(000 Lbs.)	(Dols.)	(000 $)
1977	136	88	11,968	.490	5,864	1,077	168	1.63	274
1978	160	128	20,480	.471	9,646	2,600	348	1.81	630
1979	190	120	22,800	.519	11,833	3,648	365	1.83	668
1980	220	65	14,300	.528	7,550	2,145	257	1.95	501
1981	265	87	23,055	.550	12,680	5,994	369	1.99	734
1986	290	107	31,030	.440	13,653	1,862	NA	NA	NA

*1982-85 Survey not conducted. NA - Not Available.

ALL CATTLE

All Cattle Inventory, North Dakota, January 1

District and County	5-Year Average 1981-85 1/	Number on Farms		
		1984	1985	1986
	- - - - Number of Head - - - -			
Burke	15,200	15,000	14,000	12,000
Divide	15,000	15,000	14,000	13,000
Mountrail	35,400	37,000	35,000	35,000
Renville	9,000	9,000	9,000	8,000
Ward	40,200	42,000	39,000	38,000
Williams	31,200	32,000	29,000	26,000
Northwest	146,000	150,000	140,000	132,000
Benson	32,200	34,000	32,000	32,000
Bottineau	20,800	21,000	19,000	19,000
McHenry	70,200	76,000	75,000	74,000
Pierce	28,600	29,000	28,000	27,000
Rolette	23,800	25,000	23,000	23,000
North Central	175,600	185,000	177,000	175,000
Cavalier	9,800	10,000	9,000	9,000
Grand Forks	15,600	15,000	16,000	16,000
Nelson	17,200	18,000	17,000	17,000
Pembina	10,400	10,000	11,000	10,000
Ramsey	8,800	9,000	9,000	9,000
Towner	8,000	8,000	8,000	8,000
Walsh	19,200	19,000	18,000	18,000
Northeast	89,000	89,000	88,000	87,000
Dunn	91,800	95,000	99,000	97,000
McKenzie	81,000	85,000	77,000	75,000
McLean	49,800	53,000	50,000	47,000
Mercer	45,600	50,000	49,000	47,000
Oliver	37,200	39,000	40,000	38,000
West Central	305,400	322,000	315,000	304,000
Eddy	20,800	21,000	21,000	20,000
Foster	24,000	21,000	20,000	18,000
Kidder	73,200	74,000	72,000	72,000
Sheridan	30,200	30,000	29,000	30,000
Stutsman	73,200	75,000	75,000	68,000
Wells	29,800	31,000	30,000	30,000
Central	251,200	252,000	247,000	238,000
Barnes	32,800	34,000	31,000	31,000
Cass	29,600	31,000	30,000	28,000
Griggs	21,800	23,000	23,000	22,000
Steele	7,000	7,000	7,000	6,000
Traill	7,800	7,000	7,000	7,000
East Central	99,000	102,000	98,000	94,000
Adams	33,800	37,000	39,000	36,000
Billings	31,400	33,000	32,000	31,000
Bowman	33,200	37,000	36,000	35,000
Golden Valley	28,800	31,000	32,000	30,000
Hettinger	29,200	31,000	31,000	30,000
Slope	30,000	33,000	33,000	31,000
Stark	61,400	67,000	67,000	62,000
Southwest	247,800	269,000	270,000	255,000
Burleigh	73,000	79,000	72,000	75,000
Emmons	72,800	77,000	79,000	76,000
Grant	73,000	80,000	78,000	77,000
Morton	106,000	110,000	107,000	109,000
Sioux	35,000	38,000	39,000	38,000
South Central	359,800	384,000	375,000	375,000
Dickey	61,000	60,000	61,000	60,000
LaMoure	41,600	42,000	41,000	42,000
Logan	61,000	64,000	61,000	59,000
McIntosh	53,800	57,000	60,000	64,000
Ransom	36,000	37,000	36,000	36,000
Richland	44,000	48,000	45,000	44,000
Sargent	38,800	39,000	36,000	35,000
Southeast	336,200	347,000	340,000	340,000
STATE	2,010,000	2,100,000	2,050,000	2,000,000

MILK COWS

Milk Cow Inventory, North Dakota, January 1

District and County	5-Year Average 1981-85 1/	Number on Farms		
		1984	1985	1986
	- - - - Number of Head - - - -			
Burke	400	300	300	300
Divide	200	200	200	200
Mountrail	1,300	1,400	1,200	1,200
Renville	700	700	600	600
Ward	2,000	2,100	2,100	2,400
Williams	400	300	400	300
Northwest	5,000	5,000	4,800	5,000
Benson	1,700	1,700	1,600	1,500
Bottineau	500	400	400	400
McHenry	3,200	3,800	3,300	3,500
Pierce	2,300	2,100	2,000	2,100
Rolette	600	600	600	700
North Central	8,300	8,600	7,900	8,200
Cavalier	300	300	300	300
Grand Forks	1,100	1,100	1,100	1,200
Nelson	1,000	1,000	900	800
Pembina	200	200	200	200
Ramsey	400	500	500	600
Towner	300	300	300	300
Walsh	900	800	800	800
Northeast	4,200	4,200	4,100	4,200
Dunn	1,700	1,600	1,500	1,700
McKenzie	500	500	500	500
McLean	2,300	2,400	2,100	2,100
Mercer	1,600	1,700	1,700	2,000
Oliver	2,400	2,600	2,700	3,100
West Central	8,500	8,800	8,500	9,400
Eddy	700	700	700	800
Foster	400	400	400	500
Kidder	3,100	3,100	3,000	3,000
Sheridan	1,700	1,600	1,800	1,600
Stutsman	4,800	4,900	5,000	5,600
Wells	1,600	1,500	1,500	1,800
Central	12,300	12,200	12,400	13,300
Barnes	1,600	1,600	1,700	1,800
Cass	900	900	800	1,000
Griggs	1,100	1,200	1,100	1,000
Steele	200	200	200	200
Traill	400	300	300	300
East Central	4,200	4,200	4,100	4,300
Adams	500	500	400	400
Billings	400	500	500	400
Bowman	400	300	400	400
Golden Valley	900	1,000	900	700
Hettinger	2,500	2,800	2,800	2,700
Slope	600	500	500	500
Stark	4,600	4,600	4,500	4,900
Southwest	9,800	10,200	10,000	10,000
Burleigh	2,400	2,500	2,100	2,100
Emmons	7,100	7,800	7,800	8,000
Grant	4,400	4,900	4,800	5,000
Morton	7,600	8,200	8,000	8,500
Sioux	1,100	1,300	1,300	1,300
South Central	22,600	24,700	24,000	24,900
Dickey	2,300	2,200	2,500	2,900
LaMoure	3,900	4,000	4,000	4,300
Logan	4,200	4,600	4,700	5,100
McIntosh	4,700	5,100	4,800	5,200
Ransom	1,200	1,200	1,200	1,100
Richland	2,300	2,500	2,600	2,600
Sargent	1,500	1,500	1,400	1,500
Southeast	20,100	21,100	21,200	22,700
STATE	95,200	99,000	97,000	102,000

1/ Totals may not add due to rounding.

HOGS

Hog & Pig Inventory, North Dakota, December 1

SHEEP

Sheep Inventory, North Dakota, January 1

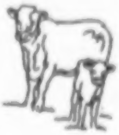
District and County	5-Year Average 1980-84 1/	Number on Farms			5-Year Average 1981-85 1/	Number on Farms		
		1983	1984	1985		1984	1985	1986
	- - - - Number of Head - - - -				- - - - Number of Head - - - -			
Burke	500	400	500	600	3,500	3,800	3,800	3,000
Divide	1,700	1,500	1,700	2,300	2,400	2,500	2,600	2,400
Mountrail	1,100	1,200	1,000	1,200	4,200	3,500	2,600	2,400
Renville	600	600	600	600	700	400	400	400
Ward	2,600	2,400	2,700	3,000	5,200	5,400	4,800	4,400
Williams	1,500	1,600	1,700	1,700	8,200	10,400	8,800	6,400
Northwest	8,000	7,700	8,200	9,400	24,200	26,000	23,000	19,000
Benson	2,600	2,700	2,700	2,500	2,400	2,000	1,800	1,700
Bottineau	1,300	1,300	1,400	1,700	2,700	1,900	1,700	1,400
McHenry	2,700	2,000	2,200	2,000	4,600	4,400	3,800	3,400
Pierce	700	600	500	600	1,600	1,100	1,100	900
Rolette	1,300	1,200	1,100	1,300	3,100	2,600	2,600	2,100
North Central	8,500	7,800	7,900	8,100	14,300	12,000	11,000	9,500
Cavalier	4,000	3,200	4,000	3,400	1,100	700	600	600
Grand Forks	5,200	5,400	5,500	6,400	3,100	2,900	3,000	2,300
Nelson	2,300	2,200	2,000	2,000	2,600	2,000	2,200	1,700
Pembina	7,500	8,200	8,200	10,000	1,500	1,200	900	700
Ramsey	1,900	1,900	2,000	2,200	1,500	1,300	1,300	1,300
Towner	1,700	1,700	1,800	2,000	3,600	4,400	3,600	2,700
Walsh	6,600	6,600	7,100	8,000	1,200	1,000	900	700
Northeast	29,300	29,200	30,600	34,000	14,600	13,500	12,500	10,000
Dunn	2,800	2,800	2,900	3,300	2,600	2,200	2,400	1,900
McKenzie	1,700	1,800	2,400	2,800	16,700	14,500	17,000	13,500
McLean	3,200	3,100	3,200	3,000	2,800	2,600	2,600	2,000
Mercer	1,500	1,600	1,300	1,500	1,400	1,000	900	700
Oliver	5,100	5,700	5,700	6,400	2,800	3,200	3,100	2,900
West Central	14,400	15,000	15,500	17,000	26,400	23,500	26,000	21,000
Eddy	900	800	700	800	5,700	5,100	4,600	3,200
Foster	3,400	3,500	4,300	2,700	4,000	3,000	2,800	2,200
Kidder	2,800	3,200	3,000	2,600	9,600	8,000	7,800	7,200
Sheridan	1,300	1,200	1,300	1,500	900	700	600	500
Stutsman	6,600	7,200	6,800	8,000	8,900	7,500	6,700	6,000
Wells	2,100	2,100	1,900	1,900	4,200	3,700	3,000	2,400
Central	17,100	18,000	18,000	17,500	33,300	28,000	25,500	21,500
Barnes	10,900	11,500	10,000	13,000	5,300	4,500	5,300	5,300
Cass	20,700	19,500	20,500	23,000	10,300	8,500	9,500	7,900
Griggs	2,000	1,600	2,000	1,900	2,600	2,300	2,000	1,700
Steele	900	800	700	900	3,300	2,800	2,800	2,400
Traill	5,100	4,600	4,500	4,700	1,400	900	900	700
East Central	39,600	38,000	37,700	43,500	22,900	19,000	20,500	18,000
Adams	1,800	2,000	2,000	2,500	10,700	11,700	13,000	11,000
Billings	300	400	400	400	500	500	600	700
Bowman	1,700	1,900	1,600	1,800	26,200	26,200	25,000	22,000
Golden Valley	3,800	3,800	3,200	3,200	3,900	3,700	4,000	3,800
Hettinger	7,100	5,800	7,200	8,800	1,500	1,100	1,000	1,000
Slope	3,300	3,500	4,300	5,000	4,000	4,000	4,400	3,800
Stark	5,900	5,600	5,600	5,800	4,300	3,800	4,000	3,700
Southwest	24,100	23,000	24,300	27,500	50,900	51,000	52,000	46,000
Burleigh	8,600	9,900	10,500	12,000	3,200	2,100	2,300	2,400
Emmons	5,600	6,000	5,400	5,700	1,600	1,500	1,400	1,100
Grant	10,900	11,600	11,000	13,000	6,900	5,200	4,800	3,900
Morton	10,700	12,000	10,800	12,000	6,200	5,200	4,900	3,400
Sioux	1,400	1,500	1,100	1,300	1,700	2,000	2,100	2,200
South Central	37,200	41,000	38,800	44,000	19,700	16,000	15,500	13,000
Dickey	15,300	16,000	17,000	19,000	10,000	9,200	9,500	7,200
LaMoure	9,400	11,000	8,000	7,000	6,800	5,800	6,000	4,800
Logan	1,800	2,000	1,700	2,000	2,600	2,400	1,900	1,200
McIntosh	2,600	2,600	2,000	2,000	2,800	1,900	1,800	1,300
Ransom	9,200	9,500	8,800	11,000	5,200	3,800	3,000	2,200
Richland	22,900	23,000	21,500	25,000	3,200	3,300	2,900	2,300
Sargent	14,600	16,200	15,000	18,000	4,700	3,600	3,900	3,000
Southeast	75,800	80,300	74,000	84,000	35,300	30,000	29,000	22,000
STATE	254,000	260,000	255,000	285,000	241,600	219,000	215,000	180,000

1/ Totals may not add due to rounding.

HISTORIC LIVESTOCK ESTIMATES

MEAT ANIMALS (Cattle, Sheep & Hogs): Production & Income,
North Dakota, 1967-86

Year	Production	Marketings	Avg. Price per 100 Lbs.	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	- - - 000 Lbs. - - -		(Dols.)	- - - - - - - - - 000 Dollars - - - - - - - - -			
1967	925,370	1,023,607	21.78	200,545	222,896	7,150	230,046
1968	880,648	939,228	22.70	199,070	213,198	8,287	221,485
1969	852,366	828,853	25.83	220,779	214,056	8,151	222,207
1970	894,029	818,837	26.78	241,618	219,307	9,317	228,624
1971	996,562	932,374	27.17	273,767	253,347	9,782	263,129
1972	1,003,695	922,526	33.55	339,535	309,501	10,345	319,846
1973	1,046,453	896,622	44.57	467,914	399,655	14,335	413,990
1974	1,117,314	1,082,104	34.01	379,795	368,009	14,828	382,837
1975	1,018,448	1,203,866	31.15	321,860	375,020	9,902	384,922
1976	977,472	1,112,526	34.62	340,174	385,138	10,430	395,568
1977	870,004	1,060,853	35.59	312,232	377,556	10,001	387,557
1978	782,866	833,097	50.46	392,701	420,395	16,764	437,159
1979	863,865	843,432	67.73	582,259	571,269	16,589	587,858
1980	934,292	1,045,550	60.87	563,886	636,380	15,743	652,123
1981	905,927	799,762	54.70	496,159	437,431	10,475	447,906
1982	849,964	848,756	52.62	449,466	446,633	8,216	454,849
1983	914,974	894,935	53.15	485,509	475,641	8,778	484,419
1984	927,466	984,213	53.22	491,691	523,793	8,694	532,487
1985	934,119	973,795	53.87	500,302	524,548	8,915	533,463
1986	866,297	980,327	52.72	457,742	516,870	7,692	524,562

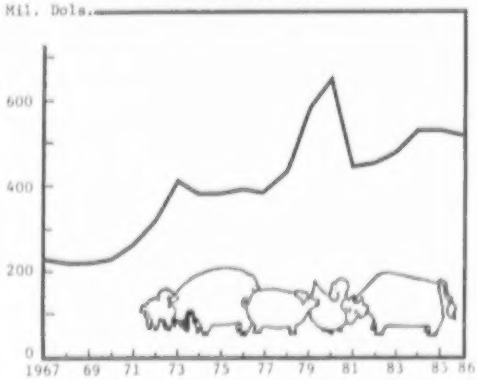


Cattle & Hog Inventory and
Number of Farms
North Dakota, 1963-87

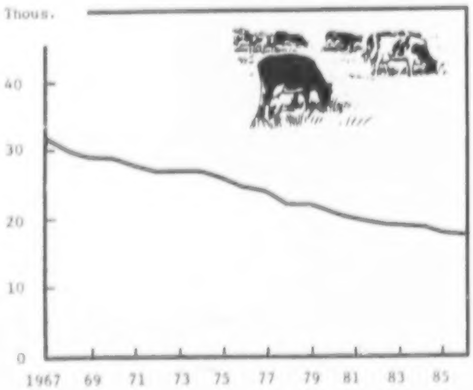
Year	Cattle		Hogs	
	Jan. 1 Inventory	No. of Farms	Dec. 1 1/ Inventory	No. of Farms
	(000 Hd.)	(000)	(000 Hd.)	(000)
1963	2,088	38.0	328	16.5
1964	2,318	37.0	371	13.5
1965	2,411	35.0	341	11.0
1966	2,315	34.0	290	11.5
1967	2,292	32.0	331	10.5
1968	2,154	30.0	328	9.5
1969	2,068	29.0	321	8.0
1970	2,110	29.0	302	8.5
1971	2,230	28.0	408	9.0
1972	2,319	27.0	379	7.7
1973	2,435	27.0	356	7.4
1974	2,635	27.0	374	6.4
1975	2,635	26.0	322	5.0
1976	2,380	24.5	350	5.1
1977	2,235	24.0	330	5.0
1978	2,050	22.0	320	4.8
1979	1,967	22.0	335	4.5
1980	2,000	21.0	370	4.0
1981	1,850	20.0	265	3.6
1982	2,000	19.2	280	2.8
1983	2,050	19.0	210	2.8
1984	2,100	18.5	260	3.0
1985	2,050	17.8	255	3.0
1986	2,000	17.2	285	3.0
1987	1,900	NA	275	NA

1/ December 1 previous year. NA - Not available.

GROSS FARM INCOME FROM MEAT ANIMALS
North Dakota, 1967-86



NUMBER OF CATTLE OPERATIONS
North Dakota, 1967-86



PRICES

NORTH DAKOTA PRICES

Prices for all farm commodities, as a group, averaged 14 percent lower during 1986 than for 1985. This is based on the Index of Prices Received for All Farm Products, which averaged 114 percent of its 1977 base for 1986 compared to 133 for the previous year. The Index reached a record high of 160 in 1980 with other highs of 157 in 1974 and 154 in 1981.

The All Crops Index for 1986, at 104, was 19 percent below the average for 1985, while the All Livestock and Products Index was 1 percent lower at 144.

Prices Received by farmers for the 1986 crop marketing season averaged lower than a year earlier for all major crops except oats, dry edible beans and potatoes. The marketing year average price for spring wheat fell 25 percent, while durum and barley prices fell 18 and 16 percent, respectively. Average prices for other crops ranged from 40 percent lower for rye to 30 percent higher for potatoes.

Average prices for livestock and products during 1986 ranged from an 11 percent decrease for milk cows to a 16 percent increase for sheep. Hogs, lambs, turkeys, eggs and wool were up, while prices were lower for steers and heifers, cows, calves, milk and chickens.

Marketing year average prices for crops are computed by weighting monthly average prices by the estimated percentage of sales made each month during the marketing year. These prices do not include allowances for unredeemed loans and government purchases. Calendar year averages are simple averages of the monthly prices listed.

Annual average prices for livestock are computed by weighting monthly prices by the estimated percentage of the calendar year sales made each month.

Prices for all small grains, soybeans, dry edible beans, corn and sunflower are collected from a probability sample of mills and elevators and are based on sales for the entire month. The prices reflect actual purchases, and include all premiums or discounts paid. Prices for potatoes and milk are also based on an entire month average. Livestock prices for beef cattle, sheep and hogs are collected in a similar manner, and reflect actual sales of livestock through auctions, dealers and commission firms.

MONTHLY AND CALENDAR YEAR AVERAGE PRICES RECEIVED BY NORTH DAKOTA FARMERS
FOR SELECTED CROPS, NORTH DAKOTA, 1985-86 1/

Commodity	Year 2/	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Cal. Yr. Avg. 3/
		----- Dollars per Bushel -----												
All Wheat	1985	3.50	3.52	3.51	3.58	3.54	3.50	3.31	3.10	3.12	3.20	3.38	3.41	3.39
	1986	3.33	3.27	3.34	3.45	3.43	2.92	2.30	2.23	2.30	2.28	2.53	2.57	2.83
Other Spring Wheat	1985	3.49	3.49	3.49	3.57	3.56	3.53	3.34	3.09	3.16	3.34	3.49	3.56	3.43
	1986	3.54	3.43	3.49	3.59	3.49	2.72	2.33	2.32	2.31	2.21	2.53	2.50	2.87
Durum Wheat	1985	3.55	3.60	3.55	3.60	3.53	3.46	3.26	3.15	3.07	3.01	3.07	3.16	3.33
	1986	3.16	3.16	3.20	3.29	3.37	3.18	2.28	2.11	2.29	2.35	2.54	2.63	2.60
Oats	1985	1.44	1.44	1.50	1.50	1.47	1.37	1.18	.97	.98	.95	1.03	1.10	1.24
	1986	1.13	1.04	1.04	1.16	1.04	.99	.84	.85	.85	1.00	1.30	1.34	1.05
All Barley	1985	1.89	1.97	1.99	1.98	1.94	1.93	1.73	1.51	1.46	1.60	1.65	1.73	1.78
	1986	1.82	1.82	1.78	1.70	1.51	1.35	1.20	1.06	1.14	1.31	1.43	1.42	1.46
Barley, Feed	1985	1.78	1.82	1.85	1.85	1.76	1.71	1.52	1.47	1.36	1.44	1.55	1.66	1.65
	1986	1.74	1.64	1.57	1.53	1.39	1.25	1.13	1.03	1.09	1.24	1.30	1.31	1.35
Barley, Malting	1985	1.96	2.03	2.04	2.03	2.03	1.97	1.82	1.65	1.65	1.75	1.76	1.81	1.88
	1986	1.87	1.88	1.88	1.78	1.59	1.48	1.29	1.16	1.30	1.41	1.47	1.44	1.55
Rye	1985	2.08	1.97	1.95	2.44	1.62	1.76	1.70	1.56	1.95	1.83	2.00	1.96	1.90
	1906	1.96	1.65	1.88	1.69	1.77	1.58	1.02	1.00	1.00	.87	.99	1.44	1.40
Flax	1985	6.61	6.65	6.10	6.66	6.94	6.55	6.20	5.86	5.46	5.01	4.79	4.78	5.97
	1986	4.78	4.96	4.95	4.88	4.89	4.95	4.41	3.74	3.67	3.45	3.39	3.33	4.28
Corn	1985	2.55	2.53	2.56	2.61	2.60	2.61	2.57	2.54	2.52	2.17	2.19	2.26	2.48
	1986	2.21	2.20	2.23	2.15	2.17	2.17	1.96	1.47	1.09	1.31	1.31	1.30	1.80
Soybeans	1985	5.34	5.55	5.56	5.70	5.46	5.47	5.21	4.96	4.79	4.44	4.76	4.94	5.18
	1986	5.08	4.96	4.98	5.00	4.52	5.00	4.66	4.74	4.41	4.37	4.49	4.53	4.73
		----- Dollars per Hundredweight -----												
All Sunflower	1985	11.10	11.40	11.20	12.00	12.10	11.50	10.70	9.65	-	11.20	8.93	8.52	10.75
	1986	8.88	7.94	7.94	7.06	6.97	7.03	6.23	6.04	6.08	7.32	6.60	6.47	7.05
Sunflower, Oil	1985	10.50	10.90	11.10	12.00	12.00	11.50	10.60	9.65	-	8.08	7.75	7.55	10.15
	1986	8.07	7.13	7.30	6.89	6.89	6.89	6.06	5.88	5.83	6.27	6.26	6.05	6.63
Sunflower, Non-Oil	1985	15.60	14.40	14.80	14.10	14.80	14.80	14.50	-	-	13.40	13.30	13.40	14.31
	1986	13.30	13.50	12.50	11.10	12.80	12.80	10.30	11.00	8.83	9.62	9.52	9.93	11.27
Dry Beans	1985	15.50	14.60	15.50	16.40	16.70	17.00	18.00	17.30	14.60	15.20	14.70	14.30	15.82
	1986	15.30	14.00	12.80	13.30	13.40	13.60	14.20	13.50	15.40	21.40	20.50	20.10	15.63
Potatoes	1985	4.65	5.25	5.40	5.50	5.00	4.50	-	-	3.10	2.95	3.25	3.25	4.29
	1986	3.50	3.60	3.50	2.85	2.65	2.65	-	-	2.80	3.30	4.00	3.90	3.28
		----- Dollars per Ton -----												
All Hay, Baled	1985	42.00	43.00	44.00	44.00	44.00	42.00	45.00	51.00	53.00	52.00	50.00	53.00	46.92
	1986	54.00	55.00	55.00	55.00	50.00	50.00	43.00	37.00	36.00	34.00	36.00	37.00	45.17
Alfalfa Hay, Baled	1985	48.00	50.00	50.00	51.00	51.00	48.00	52.00	58.00	61.00	60.00	58.00	62.00	54.08
	1986	63.00	64.00	63.00	63.00	57.00	57.00	48.00	41.00	41.00	40.00	41.00	42.00	51.67
Other Hay, Baled	1985	32.00	33.00	34.00	34.00	33.00	32.00	34.00	41.00	40.00	40.00	40.00	43.00	36.33
	1986	43.00	43.00	44.00	44.00	41.00	41.00	37.00	29.00	26.00	24.00	28.00	29.00	35.75

1/ Monthly prices are open market prices and do not make an allowance for unredeemed loans. 2/ 1985 Revised, 1986 Preliminary. 3/ See page 77 for season average prices.

MARKETING YEAR AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS, by Crop Reporting Districts, North Dakota, Crops of 1981-86 1/

Crop	Crop Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast	State Average
		---Dollars per Bushel---									
All Wheat	1983	3.72	3.79	3.88	3.60	3.84	3.81	3.56	3.62	3.88	3.78
	1984	3.55	3.61	3.64	3.50	3.62	3.56	3.42	3.40	3.58	3.57
	1985	3.14	3.17	3.30	3.28	3.29	3.26	3.39	3.52	3.41	3.26
	2/1986										2.51
Durum Wheat	1981	3.43	3.47	3.46	3.42	3.48	3.65	3.35	3.34	3.65	3.49
	1982	3.36	3.36	3.45	3.21	3.51	3.68	3.53	3.25	3.62	3.42
	1983	3.88	3.95	4.07	3.86	4.09	4.06	3.51	3.99	4.09	3.97
	1984	3.57	3.69	3.81	3.49	3.78	3.81	3.48	3.53	3.79	3.70
	1985	3.10	3.17	3.24	3.08	3.21	3.23	3.17	3.16	3.25	3.16
	2/1986										2.60
Spring Wheat Other Than Durum	1981	3.61	3.48	3.66	3.50	3.60	3.75	3.60	3.56	3.72	3.63
	1982	3.40	3.38	3.58	3.32	3.53	3.69	3.46	3.41	3.64	3.51
	1983	3.57	3.64	3.76	3.62	3.75	3.82	3.61	3.63	3.88	3.70
	1984	3.52	3.45	3.51	3.51	3.55	3.55	3.42	3.39	3.56	3.51
	1985	3.21	3.18	3.34	3.37	3.34	3.27	3.45	3.55	3.46	3.34
	2/1986										2.50
Oats	1981	1.74	1.61	1.57	1.49	1.58	1.71	1.71	1.52	1.66	1.65
	1982	1.17	1.13	1.22	1.05	1.19	1.35	1.12	1.13	1.37	1.19
	1983	1.38	1.30	1.34	1.22	1.39	1.50	1.25	1.33	1.40	1.37
	1984	1.42	1.33	1.41	1.40	1.41	1.53	1.31	1.33	1.43	1.42
	1985	1.03	1.02	1.07	1.05	1.05	1.01	1.19	1.17	1.05	1.05
	2/1986										1.15
Malting Barley	1981	2.15	2.27	2.22	2.14	2.23	2.45	2.18	-	2.40	2.30
	1982	1.72	1.64	1.72	1.56	1.84	1.90	1.87	1.38	1.96	1.80
	1983	2.22	2.06	2.29	1.86	2.19	2.33	2.37	2.26	2.25	2.27
	1984	1.98	1.94	1.98	1.99	1.92	2.08	1.98	1.80	2.13	2.01
	1985	1.73	1.65	1.62	1.45	1.67	1.80	1.73	1.68	1.73	1.72
Feed Barley	1981	1.89	2.01	1.95	1.70	1.86	1.98	2.21	1.87	1.98	1.97
	1982	1.54	1.50	1.51	1.49	1.60	1.61	1.65	1.46	1.71	1.55
	1983	2.07	2.07	2.15	1.96	2.15	2.17	1.92	2.06	2.15	2.12
	1984	1.75	1.79	1.84	1.68	1.83	1.91	1.86	1.78	1.83	1.83
	1985	1.48	1.44	1.41	1.48	1.47	1.40	1.70	1.47	1.50	1.45
All Barley	1981	2.11	2.20	2.16	2.03	2.06	2.29	2.20	1.87	2.20	2.20
	1982	1.70	1.63	1.67	1.50	1.69	1.88	1.68	1.45	1.91	1.76
	1983	2.16	2.07	2.23	1.93	2.17	2.28	1.94	2.06	2.20	2.20
	1984	1.91	1.87	1.93	1.74	1.85	2.04	1.89	1.78	2.04	1.94
	1985	1.67	1.52	1.51	1.48	1.50	1.70	1.70	1.52	1.70	1.60
	2/1986										1.35
Flaxseed	1981	6.62	6.71	6.46	6.63	6.47	6.59	6.68	6.52	6.72	6.57
	1982	5.12	5.13	5.00	4.77	5.06	5.60	5.03	4.96	5.25	5.14
	1983	6.81	6.87	7.01	6.54	6.90	6.98	6.87	6.62	6.57	6.83
	1984	6.01	5.69	5.68	5.80	5.90	6.39	5.74	5.64	6.04	6.07
	1985	4.90	4.84	4.85	4.92	5.04	5.07	5.89	4.80	5.30	5.00
	2/1986										3.40
		---Dollars per Hundredweight---									
All Sunflower	1981	10.22	10.04	11.02	9.49	9.78	11.04	9.01	9.51	11.02	10.70
	1982	7.45	7.68	9.38	11.09	8.41	9.81	6.91	7.15	10.31	8.84
	1983	12.93	12.97	12.99	13.47	13.87	13.27	11.60	12.32	12.46	13.00
	1984	10.45	10.55	12.22	10.68	10.83	11.50	9.53	10.26	12.26	11.30
	1985	5.62	6.05	9.17	6.32	6.79	9.08	6.06	6.04	7.49	8.01
	2/1986										6.75

1/ Includes allowances for loans outstanding and purchases by the government values at the average loan and purchase rate. Does not include government payments under the disaster and deficiency payments program. 2/ Preliminary - District prices not available at this time.

MARKETING YEAR AVERAGE PRICES RECEIVED BY FARMERS FOR OTHER CROPS, North Dakota, 1981-86

Year	Rye	Corn	Soybeans	All Hay Baled	Potatoes	Sugarbeets 1/	Dry Beans
	(Bu.)	(Bu.)	(Bu.)	(Ton)	(Cwt.)	(Ton)	(Cwt.)
1981	2.77	2.20	5.70	58.00	4.05	20.50	19.80
1982	2.00	2.48	5.42	41.50	4.35	35.70	11.30
1983	1.79	3.03	7.37	39.00	4.90	35.40	18.70
1984	1.76	2.57	5.59	43.00	4.65	37.00	16.10
1985	1.82	2.17	4.79	51.50	3.20	35.50	14.40
1986 2/	1.10	1.35	4.50	36.00	4.15	NA	17.40

1/Does not include government payments. 2/ Preliminary.

AVERAGE PRICES RECEIVED BY FARMERS FOR LIVESTOCK AND LIVESTOCK PRODUCTS
North Dakota, 1985-86

Item	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Avg. 1/
							- - - Dollars per 100 Pounds Live Weight - - -							
Beef Cattle	1985	56.50	58.90	58.10	56.40	54.80	49.70	45.60	49.50	49.90	51.50	52.10	48.80	53.30
	1986	51.10	53.40	52.40	49.30	49.70	47.90	48.30	52.10	54.40	52.00	52.40	49.60	51.30
Steers & Heifers	1985	64.00	63.90	62.60	60.90	60.00	57.00	51.80	53.50	54.00	56.70	58.30	56.30	58.90
	1986	57.80	57.40	56.00	52.60	52.90	53.10	55.10	58.70	59.50	57.70	60.20	60.90	57.00
Cows	1985	36.00	39.70	40.00	39.30	38.80	37.40	34.70	35.10	33.60	33.20	32.30	30.80	35.50
	1986	33.40	36.10	36.50	34.10	36.60	36.60	37.10	36.40	36.30	35.00	33.50	34.00	35.10
Calves	1985	65.70	66.90	67.00	66.00	65.90	61.90	59.00	65.00	63.10	63.80	63.50	59.30	64.10
	1986	61.70	60.30	61.60	58.40	61.10	57.80	59.70	62.50	63.60	65.10	63.80	65.90	63.50
Hogs 2/	1985	45.20	46.30	41.30	39.00	39.40	42.50	42.60	39.90	36.80	40.60	40.40	42.30	41.70
	1986	41.60	40.40	37.60	38.00	44.60	50.00	56.40	59.60	56.40	51.90	50.60	49.00	47.60
Sheep	1985	20.00	17.80	16.80	17.90	16.30	16.00	17.50	20.50	21.50	21.20	24.00	20.90	18.80
	1986	25.70	22.10	19.20	17.70	20.30	18.70	21.10	21.30	21.40	23.50	27.30	24.60	21.80
Lambs	1985	61.60	64.90	67.40	60.20	58.10	64.40	68.70	70.20	68.60	64.70	64.50	62.90	65.30
	1986	63.90	67.20	63.80	63.80	72.30	73.00	71.60	68.90	64.60	62.40	67.80	76.40	67.80
							- - - Dollars per Head - - -							
Milk Cows	1985	740			770			740			700			740
	1986	630			640			660			700			660
							- - - Dollars per Hundredweight - - -							
Milk, Wholesale	1985	12.70	12.40	12.10	11.60	11.20	10.90	10.70	10.90	11.10	11.30	11.40	11.40	11.40
	1986	11.20	11.10	11.00	10.90	10.80	10.70	10.80	11.10	11.80	12.10	12.30	12.20	11.30

1/ Weighted by marketings. 2/ Annual average is based on marketing year December through November.

INDEXES OF PRICES RECEIVED BY FARMERS, BY MONTH AND CALENDAR YEAR AVERAGE
North Dakota, 1985-86

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Avg.
						(1977 = 100) 1/							
1985													
All Farm Products	139	141	140	142	140	135	128	124	122	126	128	127	133
All Crops	133	135	135	139	137	134	127	119	117	121	122	123	129
Food Grains	147	148	147	150	148	147	139	130	131	134	142	143	142
Feed Grains & Hay	117	121	122	122	120	119	110	101	99	101	103	108	112
Oil Bearing Crops	104	107	105	112	113	107	100	91	90	101	84	81	100
Other Crops 2/	142	147	150	153	148	144	146	144	121	121	123	122	138
All Livestock Products	156	160	157	152	149	139	131	140	139	143	144	138	146
Meat Animals	159	165	163	158	154	143	133	143	142	147	148	140	150
Dairy Products	148	144	141	135	130	127	124	127	129	131	133	133	133
Poultry, Eggs & Wool	125	125	125	125	125	125	125	125	125	125	125	130	125
1986													
All Farm Products	127	126	126	124	123	113	101	100	103	105	110	109	114
All Crops	122	119	120	120	118	105	88	85	86	91	97	98	104
Food Grains	139	137	140	144	144	122	96	93	96	95	106	108	118
Feed Grains & Hay	111	111	109	106	97	90	80	69	68	78	85	85	91
Oil Bearing Crops	84	77	77	70	68	70	63	61	60	69	64	63	69
Other Crops 2/	130	129	126	120	117	118	119	118	122	138	144	143	127
All Livestock Products	143	146	143	137	140	137	139	148	153	149	150	145	144
Meat Animals	146	150	148	140	144	140	143	153	157	152	152	146	148
Dairy Products	130	129	128	127	126	124	126	129	137	141	143	142	132
Poultry, Eggs & Wool	132	132	132	132	132	132	132	132	132	132	132	132	132

1/ Base price is 1977 average. Quantity weights based on moving three-year average sales. 2/ Potatoes, dry edible beans and sugarbeets.

INDEXES OF PRICES RECEIVED BY FARMERS (1910-1914 = 100)
Annual Average, North Dakota, 1971-1986

Year	All Commodities	All Crops	All Livestock	Year	All Commodities	All Crops	All Livestock
1971	216	163	363	1979	504	395	881
1972	243	178	431	1980	556	476	809
1973	417	362	581	1981	535	467	736
1974	546	573	460	1982	466	389	721
1975	518	516	436	1983	483	410	717
1976	445	413	479	1984	504	434	717
1977	358	314	489	1985	462	389	707
1978	407	332	673	1986	396	314	697

MISCELLANEOUS

FERTILIZER
PESTICIDES
EXPORTS
GRAIN SHIPMENTS
CUSTOM RATES

FERTILIZER, PESTICIDES & EXPORTS

Consumption of Fertilizer and Plant Nutrients, North Dakota, 1982-86

Year Ended June 30	Gross Tonnages				Nutrient Content			
	Mixed Fertlizer	Primary Nutrient Material	Secondary & Micro-Nutrients	Total	N	Available P_2O_5	K_2O	Total
	- - - - - - - - - - T o n s - - - - - - - - - -							
1982	268,239	346,237	1,219	615,695	248,205	112,038	19,054	379,297
1983	243,771	291,205	648	535,624	208,885	100,524	17,733	327,142
1984	254,123	295,954	1,284	551,361	214,416	108,609	19,000	342,025
1985	298,760	378,253	1,577	678,590	268,598	125,798	24,707	419,103
1986	337,597	452,802	1,979	792,378	322,994	144,781	23,844	491,620

Source: Tennessee Valley Authority.

Fertilizer Use on All Wheat Acreage Harvested, North Dakota, 1982-86

Year	Acres for Harvest	Fields in Survey	Acres Receiving				Rate/Acre Receiving			Acres Fertilized 1/		
			Any Fertilizer	N	P_2O_5	K_2O	N	P_2O_5	K_2O	At or Before Seeding	After Seeding	At or before & After Seeding
	(000)	(No.)	- - - - Percent - - - -				- - Pounds - -			- - - Percent - - -		
1982	10,545	222	67.1	67.1	54.1	8.1	41.4	25.9	10.6	98.7	0.7	0.6
1983	7,190	241	71.0	71.0	60.0	11.0	46.0	27.0	10.0	99.0	1.0	0.0
1984	8,660	254	72.0	72.0	63.0	5.0	43.0	25.0	19.0	98.0	2.0	0.0
1985	8,870	234	72.0	72.0	64.0	9.0	38.0	29.0	18.0	99.0	0.0	1.0
1986	9,380	250	81.0	81.0	70.0	7.0	44.0	27.0	14.0	98.0	1.0	1.0

1/ Percentages apply to acres receiving fertilizer. Source: Inputs Outlook & Situation Report, Jan., 1987.

Planted Acreage Treated with Pesticides, North Dakota, 1978 and 1984

Crop	Herbicides		Insecticides		Fungicides		Other Chemicals	
	1978	1984	1978	1984	1978	1984	1978	1984
	- - - - - - - - - - P e r c e n t - - - - - - - - - -							
Wheat	88.2	90.9	3.2	2.3	7.9	2.1	0.0	0.0
Barley	86.5	87.5	3.1	2.2	8.4	1.5	0.0	0.0
Oats	38.5	42.8	1.0	1.2	3.3	0.0	0.0	0.0
Flax	48.3	66.3	1.3	2.9	3.8	0.0	0.0	0.0
Corn	52.1	75.8	4.2	17.9	1.3	0.2	0.3	0.0
Sunflower	88.5	88.5	5.6	64.8	2.2	0.0	2.1	0.2
Potatoes	20.5	30.6	90.8	96.9	54.5	67.6	46.5	40.1
Sugarbeets	93.4	96.5	41.1	49.5	7.5	77.6	1.6	0.0
Soybeans	91.9	96.3	6.2	2.1	2.0	0.4	0.0	0.0
Dry Beans	87.0	93.5	0.6	0.4	16.0	19.0	0.0	1.7
Alfalfa Hay	0.2	0.9	0.2	0.9	0.0	0.0	0.0	0.0
Other Hay	1.3	0.7	0.0	0.3	0.0	0.0	0.0	0.0
Pasture & Range	2.0	1.2	0.0	0.3	0.0	0.0	0.0	0.0
Other Crops	16.0	52.9	2.0	8.5	0.1	0.0	0.1	0.0
TOTAL	43.8	51.1	2.2	8.3	3.7	1.5	0.2	0.2
Summer Fallow 1/	--	17.1	--	0.1	--	0.0	--	0.0

1/ Comparable data not available for 1978, total excludes summer fallow.

Value of Export Shares of Agricultural Commodities, North Dakota, 1984-86 1/

Commodity or Group	1984		1985		1986	
	Dollars	% of U.S.	Dollars	% of U.S.	Dollars	% of U.S.
	(Mil.)	(Pct.)	(Mil.)	(Pct.)	(Mil.)	(Pct.)
Wheat & Flour	1,203.6	17.7	805.5	17.8	678.0	19.1
Feed Grains & Products	139.7	1.5	90.4	1.2	49.4	1.0
Sunflower Seeds & Oil	391.2	76.5	286.7	73.5	145.3	70.5
Soybeans & Products	66.0	.9	48.2	.9	33.8	.6
Vegetables & Preparations	12.8	1.3	16.5	1.7	19.1	1.9
Dairy Products	3.2	.8	3.5	.8	3.5	.8
Animals & Meats excluding Poultry	5.2	.4	6.2	.5	6.9	.5
Hides & Skins	5.3	.4	5.8	.4	5.9	.4
Fats, Oils & Greases	3.1	.4	3.0	.5	2.1	.4
Feeds & Fodder	21.2	3.9	16.1	3.4	25.6	4.6
Seeds	9.8	3.0	10.6	3.0	11.0	3.0
Other	36.5	2.4	28.2	2.0	26.6	1.8
TOTAL	1,897.6	5.0	1,320.8	4.2	1,007.2	3.8

Source: Foreign Agricultural Trade of U.S. - E.R.S. 1/ State export shares are based upon North Dakota's portion of U.S. production or farm sales of individual commodities. No attempt was made to trace actual commodity shipments or to determine whether the State's output is destined primarily for the domestic or export market. NOTE: Series not comparable to previous years.

GRAIN SHIPMENTS

HARD RED SPRING WHEAT AND DURUM WHEAT: Shipments from Commercial Storages
by County and Mode of Shipment, North Dakota, July 1, 1985 - June 30, 1986 (Preliminary) 1/

District and County	Hard Red Spring Wheat			Durum Wheat		
	Rail	Truck	Total	Rail	Truck	Total
	----- Bushels -----			----- Bushels -----		
Burke	1,542,437	131,464	1,673,901	1,607,320	268,385	1,875,705
Divide	191,722	105,530	297,252	2,680,899	145,482	2,826,381
Mountrail	464,018	185,881	649,899	4,439,191	1,151,978	5,591,169
Renville	718,354	114,182	832,536	1,399,361	22,543	1,421,904
Ward	9,517,267	331,481	9,848,748	10,012,184	863,670	10,875,854
Williams	2,362,714	1,488,736	3,851,450	2,181,542	782,247	2,963,789
Northwest	14,796,512	2,357,274	17,153,786	22,320,497	3,234,305	25,554,802
Benson	605,874	210,541	816,415	2,614,652	469,280	3,083,932
Bottineau	2,753,819	210,873	2,964,692	7,875,756	258,919	8,134,675
McHenry	1,711,443	175,392	1,886,835	43,100	26,794	69,894
Pierce	649,605	495,488	1,145,093	1,685,536	100,214	1,785,750
Rolette	183,028	251,327	434,355	2,231,877	479,938	2,711,815
North Central	5,903,769	1,343,621	7,247,390	14,450,921	1,335,145	15,786,066
Cavalier	2,726,661	550,094	3,276,755	3,869,587	776,829	4,646,416
Grand Forks	5,973,193	2,040,156	8,013,349	715,402	190,823	906,225
Nelson	1,822,253	1,005,095	2,827,348	2,716,300	578,574	3,294,874
Pembina	5,521,373	2,366,295	7,887,668	43,086	148,209	191,295
Ramsey	2,883,129	398,646	3,281,775	7,112,096	273,826	7,385,922
Towner	212,772	135,193	347,965	3,717,150	417,662	4,134,812
Walsh	9,090,434	1,196,011	10,286,445	1,053,035	147,485	1,200,520
Northeast	28,229,815	7,691,490	35,921,305	19,226,656	2,533,408	21,760,064
Dunn	43,772	288,334	322,106	---	4,765	4,765
McKenzie	---	799,625	799,625	84,933	179,573	264,506
McLean	3,395,009	1,432,479	4,827,488	4,854,067	659,496	5,513,563
Mercer	442,562	758,165	1,200,727	55,723	117,068	172,791
West Central	3,881,343	3,278,603	7,159,946	4,994,723	960,902	5,955,625
Eddy	240,464	209,723	450,187	192,375	50,358	242,733
Foster	3,793,490	515,297	4,308,787	1,279,708	104,417	1,384,125
Kidder	744,967	180,032	924,999	322,620	21,594	344,214
Sheridan	310,874	766,760	1,077,634	118,487	35,558	154,045
Stutsman	8,659,858	2,900,493	11,560,351	2,173,386	369,668	2,543,054
Wells	4,220,180	524,223	4,744,403	1,471,469	243,087	1,714,556
Central	17,969,833	5,096,528	23,066,361	5,558,045	824,682	6,382,727
Barnes	9,828,459	1,774,998	11,603,457	1,113,020	129,623	1,242,643
Cass	3,723,490	5,299,121	9,022,611	1,101,146	653,258	1,754,404
Griggs	923,353	811,966	1,735,319	88,350	92,040	180,390
Steele	2,764,879	650,004	3,414,883	514,147	36,964	551,111
Traill	1,860,401	2,795,032	4,655,433	312,486	205,173	517,659
East Central	19,100,582	11,331,121	30,431,703	3,129,149	1,117,058	4,246,207
Adams	857,981	1,083,924	1,941,905	96,556	224,154	320,710
Bowman	2,397,304	1,166,935	3,564,239	574,676	174,410	749,086
Golden Valley	495,661	969,132	1,464,793	330,578	148,900	479,478
Hettinger	64,097	2,811,405	2,875,502	---	177,059	177,059
Stark	10,730,737	708,136	11,438,873	320,454	144,945	465,399
Southwest	14,545,780	6,739,532	21,285,312	1,322,264	869,468	2,191,732
Burleigh	1,581,332	1,176,294	2,757,626	116,162	82,898	199,060
Emmons	2,384,555	898,187	3,282,742	114,144	11,885	126,029
Grant	---	1,279,808	1,279,808	---	23,749	23,749
Morton	874,928	2,807,576	3,682,504	34,852	41,826	76,678
Sioux	79,422	346,089	425,511	99,256	27,785	127,041
South Central	4,920,237	6,507,954	11,428,191	364,414	188,143	552,557
Dickey	3,484,849	293,189	3,778,038	941,576	7,272	948,848
LaMoure	4,537,554	581,638	5,119,192	1,036,053	32,323	1,068,376
Logan	2,854,799	417,067	3,271,866	686,373	51,251	737,624
McIntosh	1,670,083	395,046	2,065,129	128,976	10,811	139,787
Ransom	1,729,455	530,535	2,259,990	196,164	7,593	203,757
Richland	3,700,654	2,285,909	5,986,563	381,987	103,204	485,191
Sargent	4,384,177	529,593	4,913,770	1,328,984	1,982	1,330,966
Southeast	22,361,571	5,032,977	27,394,548	4,700,113	214,436	4,914,549
STATE	131,709,442	49,379,100	181,088,542	76,066,782	11,277,547	87,344,329

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

BARLEY AND OATS: Shipments from Commercial Storages
by County and Mode of Shipment, North Dakota, July 1, 1985 - June 30, 1986 (Preliminary) 1/

District and County	Barley			Oats		
	Rail	Truck	Total	Rail	Truck	Total
	----- Bushels -----			--- Bushels -----		
Burke	811,954	4,930	816,884	161,036	20,561	181,597
Divi[illegible]	229,354	106,324	335,678	5,010	---	5,010
Mountrail	563,618	138,743	702,361	54,093	20,966	75,059
Renville	1,499,830	28,904	1,528,734	123,557	37,290	160,847
Ward	7,028,877	391,181	7,420,058	2,102,805	538,108	2,640,913
Williams	233,982	752,480	986,462	---	14,906	14,906
Northwest	10,367,615	1,422,562	11,790,177	2,446,501	631,831	3,073,332
Benson	1,310,846	47,727	1,358,573	48,259	---	48,259
Bottineau	6,998,565	158,330	7,156,895	276,567	64,120	340,687
McHenry	173,700	33,035	206,735	66,415	20,162	86,577
Pierce	876,255	134,587	1,010,842	11,833	3,045	14,878
Rolette	1,132,842	52,320	1,185,162	---	---	---
North Central	10,492,208	425,999	10,918,207	403,074	87,327	490,401
Cavalier	4,874,771	920,771	5,795,542	---	---	---
Grand Forks	6,770,332	799,211	7,569,543	8,625	13,501	22,126
Nelson	2,260,747	188,548	2,449,295	13,505	8,223	21,728
Pembina	2,146,156	585,677	2,731,833	---	1,643	1,643
Ramsey	4,371,559	139,214	4,510,773	---	---	---
Towner	2,529,535	85,834	2,615,369	4,710	---	4,710
Walsh	3,626,743	631,482	4,258,225	93,375	6,478	99,853
Northeast	26,579,843	3,350,737	29,930,580	120,215	29,845	150,060
Dunn	---	66,396	66,396	---	3,001	3,001
McKenzie	---	11,732	11,732	---	---	---
McLean	672,800	408,320	1,081,120	740,020	255,433	995,453
Mercer	37,275	131,535	168,810	99,561	208,340	307,901
West Central	710,075	617,983	1,328,058	839,581	466,774	1,306,355
Eddy	194,052	12,342	206,394	26,455	3,232	29,687
Foster	517,142	8,701	525,843	46,670	65,463	112,133
Kidder	20,202	8,714	28,916	---	4,094	4,094
Sheridan	223,735	87,323	311,058	66,472	15,725	82,197
Stutsman	5,948,044	1,743,460	7,691,504	76,566	7,707	84,273
Wells	1,349,172	162,334	1,511,506	76,916	14,457	91,373
Central	8,252,347	2,022,874	10,275,221	293,079	110,678	403,757
Barnes	2,609,097	1,675,579	4,284,676	41,177	6,834	48,011
Cass	10,387,416	951,723	11,339,139	32,980	3,613	36,593
Griggs	1,386,482	90,396	1,476,878	19,440	39,634	59,074
Steele	3,490,497	56,195	3,546,692	118,573	331,812	450,385
Traill	6,748,216	862,880	7,611,096	---	5,386	5,386
East Central	24,621,708	3,636,773	28,258,481	212,170	387,279	599,449
Adams	7,500	42,408	49,908	117,664	56,056	173,720
Bowman	7,571	497,190	504,761	---	25,674	25,674
Golden Valley	11,250	25,154	36,404	---	8,449	8,449
Hettinger	20,138	456,530	476,668	---	28,815	28,815
Stark	0	164,214	164,214	---	63,957	63,957
Southwest	46,459	1,185,496	1,231,955	117,664	182,951	300,615
Burleigh	---	37,715	37,715	29,532	120,457	149,989
Emmons	112,274	14,581	126,855	102,987	1,550	104,537
Grant	---	180,475	180,475	---	20,841	20,841
Morton	24,182	135,255	159,437	10,522	24,397	34,919
Sioux	104,668	1,968	106,636	---	1,546	1,546
South Central	241,124	369,994	611,118	143,041	168,791	311,832
Dickey	1,252,697	9,482	1,262,179	123,644	68,791	192,435
LaMoure	1,628,471	51,922	1,680,393	169,095	8,015	177,110
Logan	85,954	41,822	127,776	4,500	4,463	8,963
McIntosh	14,646	12,200	26,846	39,064	6,527	45,591
Ransom	290,515	99,994	390,509	18,677	49,443	68,120
Richland	5,797,768	381,619	6,179,387	235,663	99,426	335,089
Sargent	1,335,405	89,701	1,425,106	167,121	70,736	237,857
Southeast	10,405,456	686,740	11,092,196	757,764	307,401	1,065,165
STATE	91,716,835	13,719,158	105,435,993	5,333,089	2,372,877	7,705,966

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

SUNFLOWER, FLAXSEED AND CORN: Shipments from Commercial Storages
by County and Mode of Shipment, North Dakota, July 1, 1985 - June 30, 1986 (Preliminary) 1/

District and County	Sunflower			Flaxseed			Corn		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	(Hundredweight)			(Bushels)			(Bushels)		
Burke	23,220	4,176	27,396	---	968	968	---	---	---
Divide	---	3,594	3,594	---	780	780	---	---	---
Mountrail	170,308	98,572	268,880	---	12,435	12,435	---	---	---
Renville	---	10,000	10,000	9,817	30,393	40,210	---	---	---
Ward	657,438	95,287	752,725	108,451	173,267	281,718	---	---	---
Williams	---	29,161	29,161	---	---	---	---	1,619	1,619
Northwest	850,966	240,790	1,091,756	118,268	217,843	336,111	---	1,619	1,619
Benson	293,639	66,618	360,257	31,808	41,348	73,156	---	---	---
Bottineau	79,120	108,538	187,658	99,471	70,010	169,481	---	---	---
McHenry	200,438	49,890	250,328	15,711	59,936	75,647	---	---	---
Pierce	102,650	118,386	221,036	26,919	88,104	115,023	9,268	---	9,268
Rolette	64,509	94,515	159,024	19,737	65,247	84,984	---	---	---
North Central	740,356	437 947	1,178,303	193,646	324,645	518,291	9,268	---	9,268
Cavalier	42,748	163,714	206,462	120,895	280,698	401,593	---	---	---
Grand Forks	75,927	340,308	416,235	---	23,289	23,289	8,553	208,889	217,442
Nelson	134,880	295,120	430,000	85,287	102,487	188,474	6,607	---	6,607
Pembina	7,484	53,090	60,574	2,771	96,159	98,930	16,887	6,384	23,271
Ramsey	228,115	113,725	341,840	372,235	119,378	491,613	---	---	---
Towner	35,653	238,764	274,417	50,809	115,327	166,136	3,589	3,784	7,373
Walsh	626,559	86,091	712,650	181,938	34,555	216,493	43,231	35,953	79,184
Northeast	1,151,366	1,290,812	2,442,178	814,635	771,893	1,586,528	78,867	255,010	333,877
Dunn	---	4,208	4,208	---	---	---	---	---	---
McKenzie	---	---	---	18,389	---	18,389	---	---	---
McLean	470,890	290,825	761,715	112,308	223,120	335,428	2,460	10,093	12,553
Mercer	17,049	27,289	44,338	---	19,352	19,352	---	---	---
West Central	487,939	322,322	810,261	130,697	242,472	373,169	2,460	10,093	12,553
Eddy	14,274	111,330	125,604	---	38,232	38,232	2,074	---	2,074
Foster	291,540	161,604	453,144	3,571	61,164	64,735	40,546	17,238	57,784
Kidder	2,000	75,931	77,931	---	239,130	239,130	---	---	---
Sheridan	28,994	108,245	137,239	40,165	305,820	345,985	20,712	2,831	23,543
Stutsman	528,053	472,856	1,000,909	6,245	216,971	223,216	13,571	1,011	14,582
Wells	560,920	271,282	832,202	151,992	124,497	276,489	34,500	29,327	63,827
Central	1,425,781	1,201,248	2,627,029	201,973	985,814	1,187,787	111,403	50,407	161,810
Barnes	227,868	436,308	664,176	6,537	129,834	136,371	12,446	849	13,295
Cass	257,567	1,252,580	1,510,147	14,400	138,476	152,876	1,469,226	768,551	2,237,777
Griggs	146,333	334,235	480,568	10,337	64,822	75,159	---	3,585	3,585
Steele	56,324	156,794	213,118	55,103	112,201	167,304	200,000	19,000	219,000
Traill	94,933	115,422	210,355	---	41,636	41,636	382,516	324,338	706,854
East Central	783,025	2,295,339	3,078,364	86,377	486,969	573,346	2,064,188	1,116,323	3,180,511
Adams	37,250	46,943	84,193	12,500	19,068	31,568	1,437	---	1,437
Bowman	---	28,541	28,541	---	2,815	2,815	---	---	---
Golden Valley	---	---	---	---	---	---	---	3,020	3,020
Hettinger	---	183,371	183,371	---	2,733	2,733	---	7,794	7,794
Stark	89,402	196,154	285,556	---	8,174	8,174	---	---	---
Southwest	126,652	455,009	581,661	12,500	32,790	45,290	1,437	10,814	12,251
Burleigh	65,599	19,333	84,932	3,062	114,244	117,306	---	---	---
Emmons	14,700	183,231	197,931	19,376	75,312	94,688	---	---	---
Grant	---	87,640	87,640	---	2,366	2,366	---	10,524	10,524
Morton	12,957	161,885	174,842	---	28,827	28,827	---	---	---
Sioux	---	57,626	57,626	3,080	941	4,021	---	---	---
South Central	93,256	509,715	602,971	25,518	221,690	247,208	---	10,524	10,524
Dickey	133,679	369,799	503,478	46,698	43,295	89,993	433,079	62,278	495,357
LaMoure	74,032	498,197	572,229	28,057	196,750	224,807	38,622	6,101	44,723
Logan	186,650	96,171	282,821	73,603	89,527	163,130	---	7,697	7,697
McIntosh	19,300	19,892	39,192	22,467	35,438	57,905	---	---	---
Ransom	34,137	124,804	158,941	---	29,705	29,705	407,090	166,162	573,252
Richland	113,098	267,119	380,217	13,200	30,220	43,420	5,569,171	1,161,542	6,730,713
Sargent	110,634	531,529	642,163	---	26,477	26,477	1,632,045	187,578	1,819,623
Southeast	671,530	1,907,511	2,579,041	184,025	451,412	635,437	8,080,007	1,591,358	9,671,365
STATE	6,330,871	8,660,693	14,991,564	1,767,639	3,735,528	5,503,167	10,347,630	3,046,148	13,393,778

1/ Totals may not add due to rounding.
Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

HARD RED SPRING WHEAT AND DURUM WHEAT: Shipments from Commercial Storages by County and Destination, North Dakota, July 1, 1985 - June 30, 1986 (Preliminary) 1/

District and County	Hard Red Spring Wheat				Durum Wheat			
	Duluth/ Superior	Mpls./ St. Paul	West	Misc. 2/	Duluth/ Superior	Mpls./ St. Paul	West	Misc. 2/
	---- Bushels ----				--- Bushels ----			
Burke	237,733	20,800	1,064,917	350,451	1,056,696	381,945	4,600	432,464
Divide	3,325	112,957	30,288	150,682	654,660	739,685	254,560	1,177,476
Mountrail	172,083	161,227	164,627	151,962	1,947,731	2,022,897	44,806	1,575,735
Renville	116,833	419,369	157,584	138,750	209,490	672,109	60,000	480,305
Ward	589,454	844,507	6,285,714	2,129,073	3,212,113	3,138,012	1,198,895	3,326,834
Williams	95,955	925,459	1,291,007	1,539,029	207,260	380,249	973,417	1,402,863
Northwest	1,215,383	2,484,319	8,994,137	4,459,947	7,287,950	7,334,897	2,536,278	8,395,677
Benson	334,979	219,087	10,088	252,261	1,151,485	1,190,563	---	741,884
Bottineau	292,012	632,164	1,175,786	864,730	2,445,883	1,381,504	251,383	4,055,905
McHenry	287,431	889,513	84,170	625,721	49,998	5,841	---	14,055
Pierce	171,071	681,764	172,488	119,770	882,411	834,361	---	68,978
Rolette	208,545	202,230	---	23,580	1,517,146	396,891	---	797,778
North Central	1,294,038	2,624,758	1,442,532	1,886,062	6,046,923	3,809,160	251,383	5,678,600
Cavalier	1,606,250	1,014,135	84,942	571,428	2,988,746	910,767	---	746,903
Grand Forks	3,683,906	2,986,863	16,333	1,326,247	579,474	272,618	---	54,133
Nelson	1,495,511	717,113	54,169	560,555	2,090,651	845,092	---	359,131
Pembina	3,678,364	1,724,386	---	2,484,918	167,967	10,000	---	13,328
Ramsey	1,180,590	1,161,423	36,729	903,033	4,322,999	1,582,280	---	1,480,643
Towner	129,661	133,911	---	84,393	2,497,420	635,926	---	1,001,466
Walsh	5,041,166	3,288,513	---	1,956,766	856,456	250,437	---	93,627
Northeast	16,815,448	11,026,344	192,173	7,887,340	13,503,713	4,507,120	---	3,749,231
Dunn	12,975	102,399	114,875	101,857	820	---	---	3,945
McKenzie	3,347	161,971	94,906	539,401	---	165,494	13,333	85,679
McLean	516,219	2,130,057	130,617	2,050,595	2,589,754	1,851,869	---	1,071,940
Mercer	131,433	455,539	417,183	196,572	121,410	42,400	8,100	881
West Central	663,974	2,849,966	757,581	2,888,425	2,711,984	2,059,763	21,433	1,162,445
Eddy	137,740	196,630	16,392	99,425	89,845	73,284	3,750	75,854
Foster	1,665,520	1,949,609	---	693,658	619,801	382,467	85,800	296,057
Kidder	217,803	597,391	---	109,805	251,652	88,432	---	4,130
Sheridan	115,293	683,879	---	278,462	70,571	78,069	---	5,405
Stutsman	3,816,966	3,928,007	185,132	3,630,246	1,467,562	771,529	1,800	302,163
Wells	1,622,505	1,309,139	916,936	895,823	1,107,823	381,155	3,500	222,078
Central	7,575,827	8,664,655	1,118,460	5,707,419	3,607,254	1,774,936	94,850	905,687
Barnes	4,874,772	3,907,032	77,500	2,744,153	807,151	324,842	---	110,650
Cass	3,287,140	4,783,340	---	952,131	964,342	444,665	---	345,397
Griggs	637,048	718,098	---	380,173	82,347	60,354	---	37,689
Steele	1,350,656	864,510	---	1,199,717	257,317	60,445	---	233,349
Traill	2,179,056	1,887,372	34,148	554,857	130,910	75,842	---	310,907
East Central	12,328,672	12,160,352	111,648	5,831,031	2,242,067	966,148	---	1,037,992
Adams	353,013	916,251	327,442	345,199	88,063	144,153	4,968	83,526
Bowman	542,485	1,159,546	633,701	1,228,507	30,827	112,113	---	606,146
Golden Valley	85,800	331,638	219,828	827,527	26,400	165,265	838	286,975
Hettinger	9,582	631,991	1,698,655	535,274	7,888	116,618	3,241	49,312
Stark	1,418,569	3,416,714	4,811,285	1,792,305	321,324	66,946	10,428	66,701
Southwest	2,409,449	6,456,140	7,690,911	4,728,812	474,502	605,095	19,475	1,092,660
Burleigh	377,653	2,160,351	28,018	191,604	102,945	73,004	---	23,111
Emmons	645,045	1,661,014	6,780	969,903	23,373	88,690	---	13,966
Grant	19,802	838,444	365,189	56,373	4,184	15,363	1,730	2,472
Morton	182,420	2,397,652	456,412	646,020	33,923	36,758	---	5,997
Sioux	8,416	67,702	---	349,393	48,345	47,340	---	31,356
South Central	1,233,336	7,125,163	856,399	2,213,293	212,770	261,155	1,730	76,902
Dickey	762,538	1,693,986	---	1,321,514	376,693	360,534	---	211,621
LaMoure	1,210,558	2,583,253	---	1,325,381	402,083	556,670	---	109,623
Logan	609,301	1,933,822	2,733	726,010	288,990	338,102	---	110,532
McIntosh	415,911	1,107,555	---	541,663	52,848	67,489	---	19,450
Ransom	485,878	987,604	---	786,508	29,678	173,267	---	812
Richland	924,461	3,588,335	144,643	1,329,124	269,705	153,072	---	62,414
Sargent	778,032	3,171,345	---	964,393	518,625	530,876	---	281,465
Southeast	5,186,679	15,065,900	147,376	6,994,593	1,938,622	2,180,010	---	795,917
STATE	48,722,806	68,457,597	21,311,217	45,596,922	38,025,785	23,498,284	2,925,149	22,895,111

1/ Totals may not add due to rounding. 2/ Includes all other destinations. Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

BARLEY AND OATS: Shipments from Commercial Storages by County and Destination, North Dakota, July 1, 1985 - June 30, 1986 (Preliminary) 1/

District and County	Barley				Oats			
	Duluth/ Superior	Mpls./ St. Paul	West	Misc. 2/	Duluth/ Superior	Mpls./ St. Paul	West	Misc. 2/
	---- Bushels ----				--- Bushels ----			
Burke	84,891	30,587	109,400	592,006	16,502	61,445	29,397	74,253
Divide	---	---	6,720	328,958	---	5,010	---	---
Mountrail	90,435	3,750	110,794	497,382	---	54,093	12,882	8,084
Renville	21,600	137,700	387,796	981,638	---	128,409	---	32,438
Ward	359,236	734,005	2,134,321	4,192,496	14,281	1,361,774	153,983	1,110,875
Williams	---	143,209	72,609	770,644	---	---	1,474	13,432
Northwest	556,162	1,049,251	2,821,640	7,363,124	30,783	1,610,731	197,736	1,239,082
Benson	102,545	325,675	340,731	589,622	---	48,259	---	---
Bottineau	300,101	607,500	2,039,318	4,209,976	---	199,970	1,576	139,141
McHenry	---	52,996	3,750	149,989	---	77,937	---	8,640
Pierce	16,700	134,489	---	859,653	3,403	10,058	---	1,417
Rolette	85,203	255,937	452,995	391,027	---	---	---	---
North Central	504,549	1,376,597	2,836,794	6,200,267	3,403	336,224	1,576	149,198
Cavalier	1,467,819	1,363,147	268,704	2,695,872	---	---	---	---
Grand Forks	942,439	2,746,139	90,374	3,790,591	---	10,241	1,145	10,740
Nelson	229,766	994,521	160,969	1,064,039	---	13,505	---	8,223
Pembina	413,658	142,971	88,444	2,086,760	---	---	---	1,643
Ramsey	466,074	747,711	670,648	2,626,240	---	---	---	---
Towner	281,334	456,908	70,770	1,806,357	---	4,710	---	---
Walsh	723,625	1,547,441	152,685	1,834,474	---	40,801	---	59,052
Northeast	4,524,715	7,998,938	1,502,594	15,904,333	---	69,257	1,145	79,658
Dunn	---	---	14,030	52,366	---	---	---	3,001
McKenzie	---	---	5,462	6,270	---	---	---	---
McLean	7,563	22,069	166,666	884,822	34,344	579,622	27,784	353,703
Mercer	---	---	110,967	57,843	---	45,047	152,825	110,029
West Central	7,563	22,069	297,125	1,001,301	34,344	624,669	180,609	466,733
Eddy	24,101	---	46,589	135,704	---	26,455	3,232	---
Foster	108,150	23,353	---	394,340	---	18,750	---	93,383
Kidder	---	2,666	---	26,250	---	---	---	4,094
Sheridan	11,091	39,866	9,456	250,645	---	69,386	---	12,811
Stutsman	142,415	188,611	799,137	6,561,341	3,145	66,917	1,309	12,902
Wells	124,294	98,701	62,584	1,225,927	43,510	33,406	---	14,457
Central	410,051	353,197	917,766	8,594,207	46,655	214,914	4,541	137,647
Barnes	309,691	1,153,957	106,485	2,714,543	---	32,163	---	15,848
Cass	328,482	2,430,727	367,509	8,212,421	---	23,728	---	12,865
Griggs	249,299	425,335	56,548	745,696	---	21,037	---	38,037
Steele	158,930	719,064	359,078	2,309,620	---	115,527	---	334,858
Traill	567,872	1,297,017	---	5,746,207	---	---	---	5,386
East Central	1,614,274	6,026,100	889,620	19,728,487	---	192,455	---	406,994
Adams	---	---	21,040	28,868	---	73,459	2,937	97,324
Bowman	---	---	---	504,761	---	---	---	25,674
Golden Valley	---	---	---	36,404	---	---	---	8,449
Hettinger	---	31,074	99,992	345,602	---	1,618	3,098	24,099
Stark	---	3,423	48,595	112,196	---	28,556	7,084	28,317
Southwest	---	34,497	169,627	1,027,831	---	103,633	13,119	183,863
Burleigh	---	---	19,090	18,625	---	20,551	28,693	100,745
Emmons	19,547	36,386	6,778	64,144	---	102,987	1,550	---
Grant	---	1,079	7,328	172,068	---	---	---	20,841
Morton	1,035	12,680	23,859	121,863	---	11,828	733	22,358
Sioux	---	---	3,750	102,886	---	---	---	1,546
South Central	20,582	50,145	60,805	479,586	---	135,366	30,976	145,490
Dickey	108,766	496,333	---	657,080	---	162,514	---	29,921
LaMoure	243,155	461,615	3,601	972,022	---	128,906	---	48,204
Logan	14,503	57,947	---	55,326	---	8,963	---	---
McIntosh	7,396	4,400	1,800	13,250	---	40,714	---	4,877
Ransom	66,918	157,238	---	166,353	---	29,237	---	38,883
Richland	39,543	1,525,861	34,643	4,579,340	---	222,083	---	113,006
Sargent	57,084	819,481	18,214	530,327	---	148,899	1,491	87,467
Southeast	537,365	3,522,875	58,258	6,973,698	---	741,316	1,491	322,358
STATE	8,175,261	20,433,669	9,554,229	67,272,834	115,185	4,028,565	431,193	3,131,023

1/ Totals may not add due to rounding. 2/ Includes all other destinations. Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

GRAIN SHIPMENTS CONT.

SUNFLOWER AND FLAXSEED: Shipments from Commercial Storages by County and Destination, North Dakota, July 1, 1985 - June 30, 1986 (Preliminary) 1/

District and County	Sunflower				Flaxseed			
	Duluth/ Superior	Mpls./ St. Paul	West	Misc. 2/	Duluth/ Superior	Mpls./ St. Paul	West	Misc. 2/
	---- Bushels ----				--- Bushels ----			
Burke	10,737	---	---	16,659	---	---	---	968
Divide	---	---	---	3,594	---	780	---	---
Mountrail	72,375	7,700	---	188,805	---	5,635	---	6,800
Renville	10,000	---	---	---	---	28,095	---	12,155
Ward	302,082	147,190	---	303,453	---	190,910	3,083	87,725
Williams	---	---	---	29,161	---	---	---	---
Northwest	395,194	154,890	---	541,672	---	225,420	3,083	107,608
Benson	170,990	49,482	---	139,785	3,600	44,565	---	24,991
Bottineau	60,972	---	---	126,686	---	54,354	---	115,127
McHenry	14,749	122,594	---	112,985	---	50,117	---	25,530
Pierce	108,653	7,200	---	105,183	---	101,248	---	13,775
Rolette	77,872	---	---	81,152	---	24,438	1,159	59,387
North Central	433,236	179,276	---	565,791	3,600	274,722	1,159	238,810
Cavalier	70,064	11,822	---	124,576	2,800	128,859	---	269,934
Grand Forks	177,602	42,748	---	195,885	---	8,625	179	14,485
Nelson	266,523	46,355	---	117,122	---	120,870	---	67,604
Pembina	44,706	---	---	15,868	---	64,112	---	34,818
Ramsey	131,610	13,209	340	196,681	---	307,862	---	183,751
Towner	141,285	933	---	132,199	935	52,339	---	112,862
Walsh	204,279	16,480	---	491,891	---	33,259	---	183,234
Northeast	1,036,069	131,547	340	1,274,222	3,735	715,926	179	866,688
Dunn	---	---	---	4,208	---	---	---	---
McKenzie	---	---	---	---	---	18,389	---	---
McLean	146,976	4,552	---	610,187	---	58,871	---	276,557
Mercer	5,000	4,949	---	34,389	---	19,352	---	---
West Central	151,976	9,501	---	648,784	---	96,612	---	276,557
Eddy	30,275	9,290	---	86,039	---	21,103	---	17,129
Foster	195,283	18,061	---	239,800	---	22,834	---	41,901
Kidder	---	1,560	---	76,371	---	24,946	---	214,184
Sheridan	1,400	---	---	135,839	---	6,391	---	339,594
Stutsman	207,057	2,847	12,550	778,455	6,300	92,696	---	124,220
Wells	220,228	17,540	---	594,434	---	108,782	---	167,707
Central	654,243	49,298	12,550	1,910,938	6,300	276,752	---	904,735
Barnes	201,514	---	---	462,662	586	13,642	---	122,163
Cass	213,172	110,950	12,907	1,173,118	---	48,129	---	104,747
Griggs	68,952	4,260	---	407,356	---	17,060	---	58,099
Steele	61,401	---	---	151,717	---	10,352	---	156,952
Traill	4,362	6,775	---	199,218	---	12,254	---	29,382
East Central	549,401	121,985	12,907	2,394,071	586	101,437	---	471,323
Adams	11,634	8,376	4,170	60,013	---	16,373	---	15,195
Bowman	---	---	539	28,002	---	---	---	2,815
Hettinger	---	2,756	---	180,615	---	---	---	2,733
Stark	73,202	103,472	400	108,482	---	6,281	---	1,893
Southwest	84,836	114,604	5,109	377,112	---	22,654	---	22,636
Burleigh	973	---	---	83,959	---	88,916	---	28,390
Emmons	1,600	---	---	196,331	---	43,254	---	51,434
Grant	---	---	---	87,640	---	---	745	1,621
Morton	11,120	2,634	---	161,088	---	26,195	---	2,632
Sioux	4,307	410	---	52,909	---	4,021	---	---
South Central	18,000	3,044	---	581,927	---	162,386	745	84,077
Dickey	28,082	152,550	---	322,846	---	64,757	---	25,236
LaMoure	74,441	26,793	---	470,995	9,390	70,273	931	144,213
Logan	51,381	16,836	---	214,644	2,747	89,967	---	70,416
McIntosh	6,900	---	---	32,292	3,968	28,580	---	25,357
Ransom	---	251	---	158,690	---	4,651	---	25,054
Richland	22,119	46,456	3,383	308,259	---	13,063	---	30,357
Sargent	38,616	7,316	---	596,229	---	23,999	---	2,478
Southeast	221,501	250,202	3,383	2,103,955	16,105	295,290	931	323,111
STATE	3,544,456	1,014,367	34,289	10,398,472	30,326	2,171,199	6,097	3,295,545

1/ Totals may not add due to rounding. 2/ Includes all other destinations. Source: Summarized by Upper Great Plains Transportation Institute from Public Service Commission records.

CUSTOM FARM WORK RATES

STATE-WIDE AVERAGES, NORTH DAKOTA, 1986 WITH COMPARISONS

Operation	Average Rate			1986	
	1980	1982	1984	Most Frequent Rate Reported	Avg. Rate
LAND TILLAGE					
	- - - Dollars/Acre - - -				
DEEP TILLAGE					
Plowing (Moldboard)	6.14	6.11	6.18	6.00	6.25
Alfalfa Sod Breaking	7.94	7.52	7.60	8.00	7.82
Heavy Disking	4.31	4.55	5.10	5.00	5.21
Deep Chisel	4.40	4.59	5.03	5.00	4.96
SHALLOW TILLAGE					
Field Cult. (Duckfoot)	3.14	3.52	3.81	3.00	3.63
One-Way Disk	3.87	3.76	4.15	5.00	4.01
Tandem Disk	3.76	3.88	4.15	4.00	4.24
Multiple Hitch Cult.	NA	NA	NA	4.00	4.27
Rotary Hoe	2.59	2.92	2.98	3.00	3.15
Harrowing	1.99	2.26	2.45	2.00	2.29
Row Crop Cultivation					
Wide-Row (> 31 in.)	3.23	3.39	3.53	4.00	3.61
Narrow-Row (< 31 in.)	3.36	3.48	3.72	3.00	3.56
SMALL GRAIN SEEDING					
REGULAR DRILLING					
With Fertiliser Appl.	4.42	4.68	4.54	5.00	4.78
Without Fertiliser Appl.	3.87	4.14	4.40	5.00	4.44
PONY PRESS DRILL					
With Fertiliser Appl.	7.64	6.89	7.10	8.00	7.89
Without Fertiliser Appl.	6.77	6.33	7.07	6.00	7.69
ROW CROP PLANTING					
Corn	4.15	4.77	*4.72	5.00	*5.00
Soybeans	3.94	4.68	*4.84	5.00	*4.95
Dry Edible Beans	4.17	4.62	*4.99	5.00	*4.90
Sunflower	4.35	4.77	*4.88	5.00	*5.04
Potatoes	7.24	5.91	7.09	4.00	6.10
Sugarbeets	5.33	5.95	6.80	5.00	5.44
FERTILIZER APPLICATION					
Dry Fertiliser	2.14	2.58	*2.74	2.00	*2.56
Liquid Fertiliser	2.52	3.08	3.23	2.50	3.10
Anhydrous Ammonia	3.08	3.82	*4.55	5.00	*4.64
CHEMICAL APPLICATION					
BY SURFACE VEHICLES					
Herbicides	1.86	2.08	*2.44	2.00	*2.37
Insecticides	2.14	2.11	*2.49	2.00	*2.54
Fungicides	2.21	2.14	2.44	2.50	2.50
Desiccants	2.31	2.13	2.34	2.50	2.47
BY AIRCRAFT					
Herbicides	2.55	3.02	3.04	3.00	2.96
Insecticides	2.67	3.10	3 14	3.00	3.03
Fungicides	2.82	3.21	3.23	3.00	3.17
Desiccants	2.88	3.24	3.24	3.00	3.20
HARVESTING CROPS					
SWATHING					
Self-Propelled	3.12	3.55	3.73	3.00	3.67
PTO Unit	2.93	3.16	3.36	3.00	3.39
COMBINING FROM SWATHS					
Wheat, All	11.02	12.67	12.59	12.00	11.64
Barley	11.09	12.67	12.62	12.00	11.61
Flaxseed	11.29	12.85	12.96	12.00	11.78
Soybeans	11.96	14.31	14.17	12.00	13.41
Dry Edible Beans(/cwt.)	13.66	15.91	15.04	15.00	14.65
COMBINING, STRAIGHT					
Wheat, All	NA	12.76	12.57	12.00	11.71
Corn	13.01	15.10	14.83	15.00	14.46
Sunflower (per cwt.)	12.12	13.52	13.26	12.00	12.56
Soybeans	NA	14.46	14.17	15.00	14.08
DRY BEAN HARVESTING					
Cutting Only	NA	7.66	7.34	5.00	7.88
Windrowing	NA	4.70	4.77	3.00	4.32
Cutting & Windrowing	NA	12.84	13.00	10.00	12.06
HAYING					
Mowing	3.15	3.43	3.20	3.00	3.49
Mowing & Conditioning	4.47	5.29	5.10	5.00	5.28
Swathing	3.87	4.57	4.26	4.00	4.11
Side Delivery Raking	2.13	2.38	2.04	2.00	2.28
	- - - Dollars/Bale - - -				
BALING					
Square bales with twine	.265	.280	.340	.250	.340
Round bales 800-999 lbs.	4.46	4.51	4.49	4.00	4.24
Round bales 1000-1500 lbs.	5.06	5.12	5.08	5.00	4.91
Round bales over 1500 lbs.	5.96	5.81	5.54	5.00	5.40

Operation	Average Rate			1986	
	1980	1982	1984	Most Frequent Rate Reported	Avg. Rate
HAYING CONT.					
	- - - Dollars/Stack - - -				
MECHANIZED LOOSE HAY STACKING					
1.5 - 3 Ton Stack	17.59	17.21	18.32	15.00	18.14
3 - 6 Ton Stack	25.10	21.81	25.50	25.00	24.92
More than 6 Ton Stack	NA	23.25	26.32	25.00	28.32
MAKING CORN SILAGE					
	- - - Dollars/Unit - - -				
FIELD CHOPPING ONLY					
Per Acre	13.58	15.76	16.41	15.00	16.06
Per Hour	30.06	35.46	43.50	40.00	44.83
FIELD CHOPPING PLUS HAULING TO SILO					
Per Acre	16.55	18.42	21.22	20.00	19.54
Per Hour	41.77	48.94	44.57	40.00	44.83
FIELD CHOPPING PLUS HAULING TO AND FILLING SILO					
Per Acre	18.32	21.60	22.37	20.00	19.54
Per Hour	43.00	51.22	59.64	NA	46.27
DRYING GRAIN					
	- - - Cents/Bushel - - -				
Wheat, All	16.2	15.0	15.1	10.0	16.2
Barley	15.2	15.3	15.3	10.0	16.2
Corn	18.0	18.1	17.6	10.0	18.6
Flax	NA	17.2	17.2	15.0	13.0
Sunflower (per cwt.)	27.3	28.6	30.9	20.0	14.6
HAULING CHARGES					
HAULING GRAIN					
Wheat, All	10.8	10.7	9.5	10.0	9.6
Barley	10.1	10.1	9.1	10.0	9.3
Flax	NA	11.0	9.6	10.0	8.8
Corn	NA	10.7	9.1	10.0	8.6
Sunflower (per cwt.)	14.9	17.0	16.5	10.0	16.8
	- - - Dollars/Bale - - -				
HAULING HAY					
Small Square Bales	.184	.182	.166	.100	.156
Large Round Bales					
800-999 lbs.	1.73	1.50	2.38	1.00	1.91
1000-1500 lbs.	3.11	2.00	2.72	1.00	2.51
Over 1500 lbs.	4.25	2.20	2.50	1.00	1.92
	- - - Dollars/Stack - - -				
MOVING LOOSE HAYSTACKS					
1.5 - 3 Ton	9.52	10.10	11.18	7.00	10.08
3 - 6 Ton	13.29	12.24	11.97	10.00	9.77
More Than 6 Ton	13.19	12.71	12.44	10.00	12.79
CLEANING & TREATING					
	- - - Dollars/Bushel - - -				
SEED GRAIN					
Cleaning Only	.221	.254	.275	.250	.277
Treating Only	.263	.318	.404	.500	.393
Cleaning & Treating	.457	.542	.678	.500	.643
FLAXSEED					
Cleaning Only	.409	.426	.438	.500	.455
Treating Only	.313	.381	.400	.500	.425
Cleaning & Treating	.719	.766	.773	.850	.852
MISCELLANEOUS					
	- - - Dollars/Acre - - -				
CUSTOM FARMING					
Small Grains	NA	NA	NA	40.00	34.44
Row Crops	NA	NA	NA	40.00	42.09
	- - - Dollars/Head - - -				
SPRAYING LIVESTOCK					
Cattle	.55	.71	1.10	1.00	1.00
BRANDING LIVESTOCK					
Calves	1.15	1.15	1.13	NA	1.20
SHEARING SHEEP	1.34	1.38	1.39	1.50	1.53
DIGGING POST HOLES ($/Hole)	1.14	1.42	1.65	2.00	1.96
Average Depth (Feet)	3.1	3.4	3.0	4.0	3.5
	- - - Dollars/100 bu. - - -				
ON-FARM FEED GRINDING & MIXING					
Mobile Truck	12.03	15.08	23.68	NA	23.57
PTO Unit	11.35	13.15	16.08	NA	15.37
	- - - Dollars/Hour - - -				
Farm Drainage/Ditching	43.26	50.54	56.00	50.00	54.48
Land Leveling	42.67	51.55	55.21	50.00	51.17
Rock Picking	22.34	37.02	35.69	30.00	35.34

* Combined average of all types listed separtely in detailed report, i.e. with fertiliser, without fertiliser, minimum till, etc.

MORE DETAILED REPORT AVAILABLE UPON REQUEST

CHRONOLOGY OF NATIONAL AGRICULTURAL STATISTICS SERVICE

1839 Congress appropriates $1,000 to Patent Office for "collection of agricultural statistics and distribution of seeds."

1841 Using 1840 Agricultural Census as a benchmark, Patent Office issues first crop report. Annual releases continue until 1848.

1862 U.S. Department of Agriculture established.

1863 Division of Statistics formed in USDA as predecessor today's NASS.

1866 Beginning of continuous series of reports on major crops, livestock, and agricultural prices.

1882 Part-time statisticians appointed to develop and maintain group of voluntary crop reporters and provide current information on agriculture.

1892 Now 15,000 farm-reporters provide data for monthly surveys, and 125,000 furnish survey data for annual estimates.

1903 In addition to crop reporters, 61,000 ginners, 24,000 millers and elevator operators, and 22,000 agents of railroads and transportation companies report on agriculture.

1905 Agricultural Statistics Board, a group of highly qualified agricultural statisticians from Washington D.C. and field offices, established to review information and set national and state estimates.

1908 Monthly reports begin on prices farmers receive for their products.

1909 Congress specifies which crops will be covered in crop report, stipulates issuance times, and requires Secretary of Agriculture to sign report. Statisticians, staff, and other workers prohibited by law from making premature disclosure of crop estimates, issuing false reports, or speculating on commodity market.

1917 Wisconsin signs first formal agreement establishing cooperative Federal-State crop-estimating program. (Agreements in effect with 48 States by 1967.)

1919 South Carolina statistician does first fieldwork on objective measurements of crop acreages (now a significant element in NASS crop estimating).

1925 First 5-year census of agriculture taken; previously taken every 10 years.

1928 Objective measurements for forecasting yield start with cotton; corn and wheat later, but are discontinued at the start of World War II.

1943 Quarterly estimates of grain stocks off farms in mills and elevators begin.

1945 Forerunner of today's enumerative surveys launched with interviews of 20,000 farmers in 158 counties and 42 states concerning farm labor.

1954 June enumerative survey of crop acreages opens on research basis in 10 States, 100 counties, and 703 segments.

1956 First comprehensive farm production expenditures survey conducted.

1962 Objective yield surveys for wheat become operational, providing the ASB with additional indications of yield per acre.

1962 NASS begins use of computers. Data Processing Branch created.

1966 Continuous crop and livestock estimating program enters second century.

1974 NASS participates with NASA and NOAA in the Large Area Crop Inventory Experiment, a major inter-departmental effort to demonstrate the potential of satellite data and weather data for use in worldwide crop production estimation and forecasting for wheat.

1978 AgRISTARS, under the leadership of NASS developed as an interagency research program to evaluate the potential of aerospace remote sensing data in meeting USDA information needs.

1979 List frame, a standardised method for building and maintaining a list of names for sampling, becomes operational.

1982 NASS estimating program modified because of budget constraints. Available resources redirected toward maintaining timely and available data series judged to be the most important in monitoring changes in the agricultural sector.

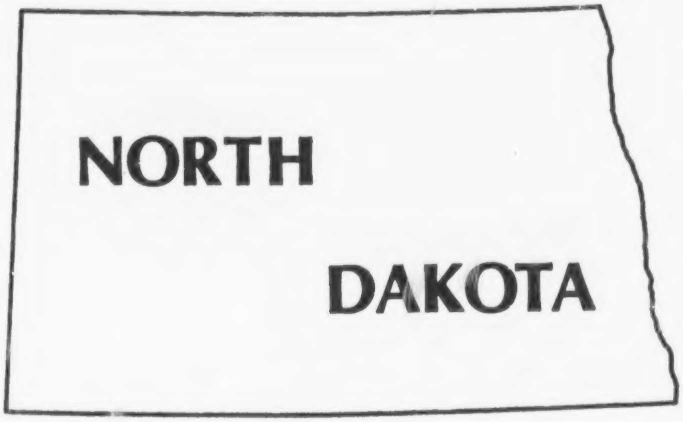
1983 NASS developed its second comprehensive, long-range plan for improved statistical standards, integrated survey programs, and data management systems.

1986 USDA changes the name of Statistical Reporting Service to National Agricultural Statistics Service to more accurately reflect the purpose of the agency and its broad agricultural focus.

June 1987

PRICE TRENDS

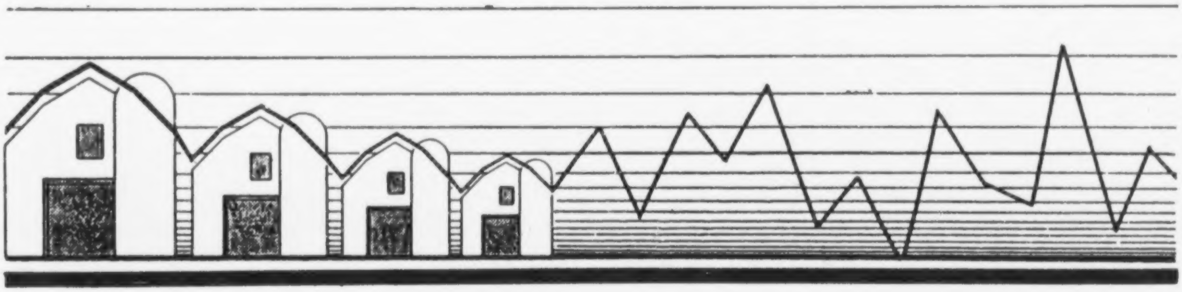
IN



NORTH
DAKOTA

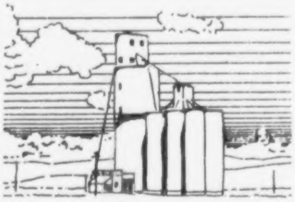
1960–1986

INDEXES: 1910–14=100, 1910–1986



DATA COLLECTION PROCEDURES AND USES OF PRICE ESTIMATES

Data Collection: Data is collected monthly to estimate average prices farmers receive for 18 commodities that account for over 90 percent of the State's total cash farm income. These include grains, livestock and livestock products. Local elevators, bean dealers and processors are surveyed for grain purchases, while livestock auction barns, commission firms, dealers and dairies are enumerated for livestock and products.



Nearly 140 of the State's approximately 550 elevators are asked to report monthly the quantity and value of grains purchased from farmers. Eleven auction barns and a handful of commission firms and dealers provide data on livestock sales. Individual reports are combined to arrive at state prices for each commodity. State prices are combined with other states, resulting in national prices.

Uses: Prices are used in the computation of the Index of Prices Received by Farmers. This Index provides a composite measure of the average change in prices of agricultural products, at the point of first sale by the farmer.

Another important use is the calculation of payments to farmers for crops in the deficiency payments program (wheat, corn, barley, oats, sorghum, rice and cotton). Monthly prices for each State are weighted together to obtain the 5-month weighted average price for each crop. This price, subtracted from the target price for program crops, results in the per bushel deficiency payment.

Prices are also used to calculate cash receipts from farm marketings of crops and livestock. This income data is used by policy makers to indicate the condition of the agriculture sector of the economy. Farm and trade organizations also use estimates in determining the impact of purposed legistation and to develop alternative proposals.

Firms use USDA prices to compare their prices with the industry as a whole and make long range plans. Other agencies use data on supplies and prices to develop foreign markets, since agricultural products are the largest offset to dollars spent for foreign oil. Prices are also used to calculate grazing fees and to settle estate and tax negotiations.

CALENDAR AND MARKETING YEAR AVERAGE PRICES

Marketing year average: This price is most often used when considering grain prices. It reflects the average price during the marketing season for each crop. For example, the marketing year for sunflower starts in September and runs through August of the following year. Each month's price is weighted by corresponding sales to arrive at the average price.

Prior to 1979, season average prices were used to measure average prices during the marketing year. The season average price however, included allowances for outstanding loans and government purchases; marketing year averages do not include these allowances.

Calendar year averages: These are used less frequently than marketing year averages, but are still important. They are calculated by taking a straight average of the 12 monthly average prices for January thru December.

Annual Average: Livestock prices, from year-to-year, can be measured by an annual average price. January thru December prices (December-November for hogs) are weighted by corresponding sales to determine the average. This price also is calculated for replacement milk cows and wholesale milk.

INDEX OF PRICES RECEIVED

INDEX DEFINED: Indexes of Prices Received by Farmers are a measure of trends and changes in prices received by farmers for agricultural products sold. The All Commodities Index combines the prices of all individual products into a single figure.

Indexes consolidate individual commodity prices for quick easy comparison of price trends over time. Also, the use of a common base period facilitates the comparison of the trend in prices received by North Dakota farmers with the trend in other states.

The Index is designed to represent the prices of all farm products and each item receives its appropriate weight relative to importance in the State. Wheat carries the most weight. Thus, a change in the wheat price has a greater affect on the index than any other crop.

Monthly index numbers have been prepared for each group of products, All Crops, All Livestock and All Commodities since January 1910. The original base period was a 1910-14 average. Since then, other base periods have been used to get a more up-to-date perspective, with 1977=100 the most recent base being used. However, indexes on the 1910-14 base have been continued for major commodity groups and all commodities as a group.

HISTORY: The North Dakota prices received index was first constructed and published in 1943. They continued to be published using the same weights until 1958. Weights were updated and indexes revised in 1958 and again in 1971. This publication includes indexes based on the most current revisions of the weighting process which was completed in 1983.

In the 1958 revision three time periods, each with a separate set of weights, were used, each linked to the other. The 1971 revisions made no attempt to link with the previous Index period, but provided a new series starting in January 1950. A new set of weights obtained from average quantities marketed during the three years 1966 through 1968 was used.

The current index, dating from 1983, uses a 3 year moving average base value for weight, in contrast to the previous fixed year base weight concept, thus, always remaining current. For more information, refer to "Price Trends in North Dakota, 1910-57" and "Price Trends in North Dakota, 1950-70" (Ag. Stat. No. 24).

DETERMINING A BASE PERIOD: An important factor in constructing indexes is the selection of a base period. An inherent problem with the traditional fixed base period was its inability to reflect changes, over time, in the mix of agricultural commodities sold. For example, the previous North Dakota index gave very little weight to sunflower, although it had been North Dakota's third largest crop in terms of cash receipts, for several years.

For the current series, a moving three-year base period was selected to minimize year-to-year fluctuations in cash receipts and still keep the index weights reasonably current. Since there is almost a year's lag in publishing preliminary cash receipts data used in index calculations, a two-year lag between the current year and the base period was adopted. For example, 1983 index weights are computed using 1979-81 cash receipts.

After a review of the data available, it was decided to publish indexes using a 'moving' base beginning with 1960. The current index series was linked with the 1910-14 series on January 1960; and indexes with a 1910-14 base are published on an annual basis from 1910 to the present in this publication. The current base year is 1977 (1977 = 100). This year was adopted for comparability with the U.S. Index, which also uses a 1977 base.

SELECTING COMMODITIES: An initial consideration in index construction is to determine the subgroups. Whether a commodity should be added or deleted from a subgroup, and thus the index, is based on the long-term trend of the commodities increasing or decreasing importance in the state. Commodities were included if cash receipts for the commodity exceeded 0.1 percent of total cash receipts in any five consecutive years after 1960. If a commodity has not met the 0.1 percent requirement for several years, the cash receipts for the current and previous year are to be deleted, and the commodities weight in the index will be phased out over a three-year period. In the same manner, if a commodity needs to be included in the index,cash receipts data and annual average price and a base price can be added to the data for the current and previous year, and the commodity will be phased in during the following three-year period.

COMPUTING INDEXES: The All Commodities Index is calculated by weighting together the All Crops and All Livestock Indexes, (group indexes), which in turn are calculated from sub-groups within each group.

To weight commodities within a subgroup, cash receipts are divided by a weighted calendar year or season average price to yield a quantity sold for that year. The average of quantities sold in the three-year base (base quantity) are then multiplied by the current month price for that commodity to arrive at an aggregate total. These aggregates are summed for all commodities in the subgroup. Base aggregates (base price x base quantity) are also summed over all commodities in the subgroup and the ratio of the current aggregate to base aggregate is the subgroup index.

Subgroup weight within a group is determined by the three-year average of cash receipts represented by each subgroup, as a percent of three-year average cash receipts for all subgroups in the group.

The weight of each group in the all products index is the ratio of base average cash receipts for all crops, or livestock items, to base average cash receipts for all commodities. Government payments are not included in the weighting process.

TRENDS: In 1960 the Index of Prices Received by Farmers for All Commodities averaged 63 percent of average for the base year 1977. Through 1972 the index was relatively constant, ranging from 58 to 70. In 1973 it jumped to 120 percent of the 1977 average, followed by 157 in 1974, the second highest on record. The index declined to 103 in 1977 and then climbed to the record high 160 in 1980. Since then it has slowly declined to an average of 114 in 1986 the lowest since 1977.

Since crops account for 70-75 percent of the weight in the All Commodities Index, the All Crops Index has generally followed the same pattern. Before 1973 the Crops Index averaged 76 or less. In 1974 it reached a record high of 190, with other highs of 171 in 1975 and 158 in 1980.

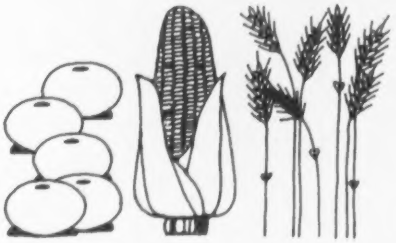
The All Livestock Index in 1960 averaged 57 and climbed slowly to 89 in 1972. In 1973 it averaged 120 and then fell to 95 in 1974 and 90 in 1975. A sharp increase in prices during the next 4 years put the Index at a record 182 in 1979. Since then, it has gradually declined to an average of 144 for 1986.

The All Commodities Index based on the 1910-14 average has ranged from a low of 51 in 1932 during the Depression, to 556 in 1980. The All Crops Index also hit a low in 1932 at 47, while the high was 573 in 1974. The 1910-14 base index for All Livestock ranges from 61 in 1933 to 881 in 1979.

INDEXES OF PRICES RECEIVED BY FARMERS, (1910-14 = 100)
Annual Average, North Dakota, 1910-86

(1910-14 = 100)

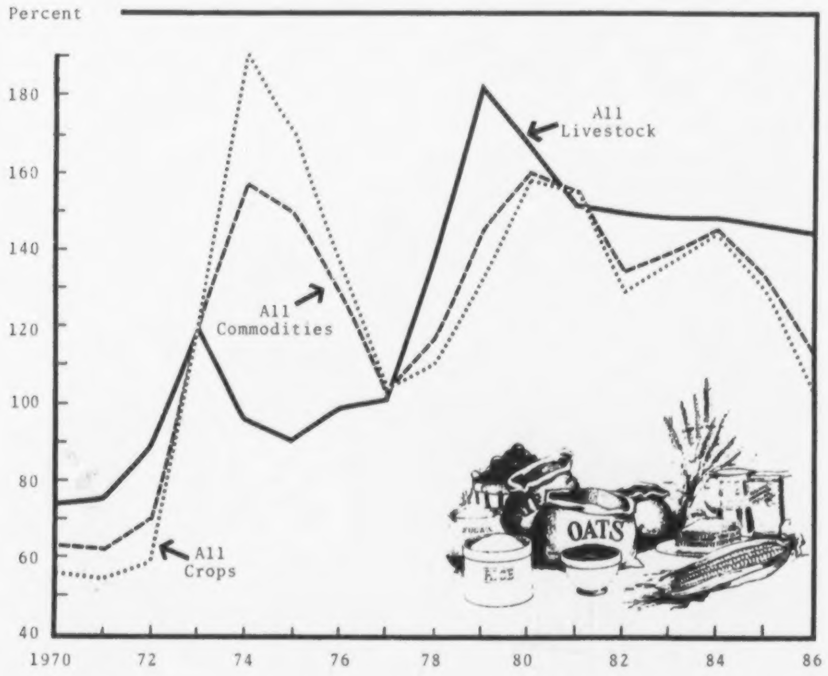
Year	All Commodities	All Crops	All Livestock
1910	108	111	100
1911	103	109	86
1912	101	103	96
1913	90	83	110
1914	98	94	108
1915	118	124	103
1916	128	132	118
1917	197	209	166
1918	222	233	194
1919	233	243	206
1920	227	244	183
1921	120	121	118
1922	114	113	116
1923	110	105	123
1924	123	125	119
1925	148	151	139
1926	144	142	147
1927	136	133	143
1928	129	119	155
1929	128	117	158
1930	101	90	128
1931	67	58	90
1932	51	47	63
1933	63	64	61
1934	89	96	71
1935	102	97	110
1936	112	108	118
1937	127	128	126
1938	88	75	109
1939	82	69	104
1940	88	76	109
1941	106	87	138
1942	133	110	172
1943	165	145	200
1944	175	165	192
1945	186	176	203
1946	221	213	241
1947	301	299	304
1948	294	278	335
1949	243	226	290
1950	246	224	307
1951	273	237	374
1952	270	248	329
1953	246	235	275
1954	237	229	257
1955	230	226	237
1956	227	225	233
1957	221	208	255
1958	229	204	300
1959	222	199	289
1960	219	199	276
1961	229	214	271
1962	240	229	276
1963	226	211	271
1964	202	187	247
1965	202	178	266
1966	216	184	305
1967	212	184	295
1968	205	172	305
1969	209	160	344
1970	219	169	358
1971	216	163	363
1972	243	178	431
1973	417	362	581
1974	546	573	460
1975	518	516	436
1976	445	413	479
1977	358	314	489
1978	407	332	673
1979	504	395	881
1980	556	476	809
1981	535	467	736
1982	466	389	721
1983	483	410	717
1984	504	434	717
1985	462	389	707
1986	396	314	697



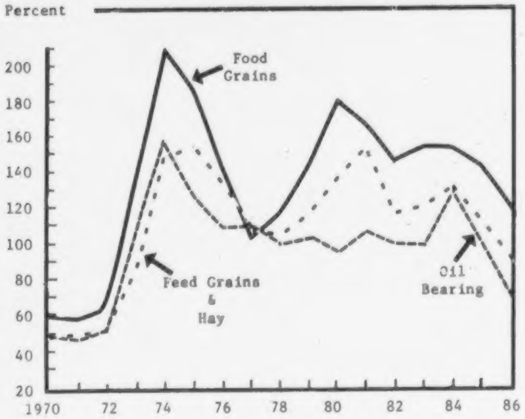
INDEXES OF PRICES RECEIVED BY FARMERS, (1977=100), Annual Average, North Dakota, 1960-86

Year	All Commodities	Crops					Livestock			
		All Crops	Food Grains	Feed Grains & Hay	Oil Bearing	Other Crops	All Livestock	Meat Animals	Dairy Products	Poultry, Eggs & Wool
					(1977 = 100)					
1960	63	66	78	45	51	53	57	53	66	66
1961	66	71	85	50	55	39	56	53	66	66
1962	69	76	93	51	54	34	57	56	61	61
1963	65	70	85	46	51	34	56	54	59	67
1964	58	62	68	47	53	54	51	48	57	68
1965	58	59	58	54	54	101	55	54	56	66
1966	62	61	65	58	55	46	63	62	62	74
1967	61	61	66	56	54	48	61	61	62	58
1968	59	57	61	50	53	55	63	64	63	58
1969	60	53	58	46	50	46	71	72	63	69
1970	63	56	60	47	47	62	74	76	65	69
1971	62	54	57	49	46	55	75	77	64	55
1972	70	59	64	52	51	55	89	95	64	59
1973	120	120	136	85	107	101	120	128	76	108
1974	157	190	209	148	157	155	95	97	83	90
1975	149	171	185	153	125	118	90	90	89	93
1976	128	137	142	134	109	114	99	99	100	88
1977	103	104	102	108	109	105	101	101	101	99
1978	117	110	115	104	99	93	139	145	112	112
1979	145	131	143	116	102	110	182	194	128	115
1980	160	158	179	136	94	158	167	173	138	121
1981	154	155	166	153	106	189	152	154	147	105
1982	134	129	145	116	99	111	149	150	146	105
1983	139	136	154	119	98	134	148	150	146	105
1984	145	144	153	130	126	143	148	149	143	136
1985	133	129	142	112	100	138	146	150	133	125
1986	114	104	118	91	69	127	144	148	132	132

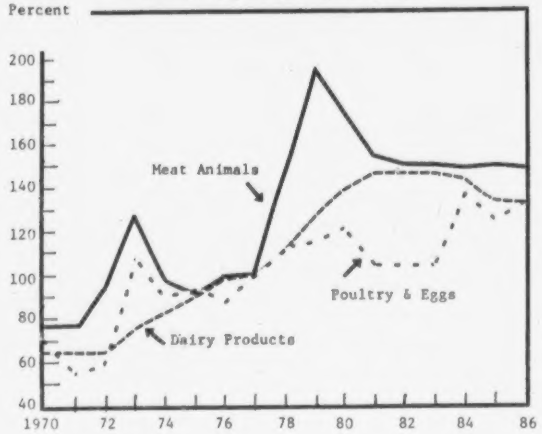
INDEX OF PRICES RECEIVED
North Dakota, 1970 - 1986 (1977 = 100)

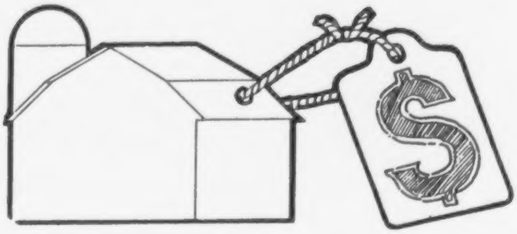


INDEX OF PRICES RECEIVED
North Dakota, 1970-86 (1977=100)



INDEX OF PRICES RECEIVED
North Dakota, 1970-86 (1977=100)





INDEXES OF PRICES RECEIVED BY FARMERS, (1977=100),
Monthly and Annual Average, North Dakota, 1960-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
(1977 = 100) ALL FARM PRODUCTS													
1960	64	63	65	66	67	65	64	61	61	61	61	61	63
1961	61	61	62	62	62	62	67	68	70	71	71	72	66
1962	72	71	71	71	71	69	69	67	67	67	68	68	69
1963	67	66	67	67	65	66	64	61	63	65	64	63	65
1964	64	64	63	63	61	56	54	52	54	54	55	55	58
1965	56	57	57	57	59	60	60	59	56	56	56	58	58
1966	59	60	61	59	59	59	63	64	66	64	63	63	62
1967	63	61	62	61	63	62	61	60	61	61	59	59	61
1968	59	60	61	61	62	61	60	57	57	57	58	57	59
1969	58	59	60	61	62	62	61	58	59	59	59	60	60
1970	62	63	64	64	64	64	64	62	63	63	63	62	63
1971	62	64	64	63	63	62	61	59	59	60	61	62	62
1972	63	65	64	64	66	66	67	70	74	78	77	86	70
1973	88	89	93	93	96	106	110	164	155	144	142	158	120
1974	156	163	173	147	138	143	158	157	156	165	168	160	157
1975	154	151	144	152	151	140	149	154	160	156	140	133	149
1976	137	142	142	139	139	142	140	124	117	109	105	103	128
1977	105	108	109	109	108	102	96	93	97	101	104	105	103
1978	107	109	110	117	119	120	116	117	119	121	122	123	117
1979	128	131	135	137	141	149	151	148	154	160	156	152	145
1980	151	154	148	143	146	156	169	172	169	171	173	174	160
1981	173	170	169	171	164	160	154	147	138	135	137	134	154
1982	135	138	140	140	141	137	134	132	133	129	128	127	134
1983	128	131	135	142	143	141	139	142	144	141	143	142	139
1984	147	145	150	154	155	152	149	141	140	136	137	136	145
1985	139	141	140	142	140	135	128	124	122	126	128	127	133
1986	127	126	126	124	123	113	101	100	103	105	110	109	114

INDEXES OF PRICES RECEIVED BY FARMERS, (1977=100)
Monthly and Annual Average, North Dakota, 1960-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
(1977 = 100)													
ALL CROPS													
1960	69	68	68	70	70	69	67	64	63	63	63	63	66
1961	63	63	63	64	65	66	75	75	79	80	79	81	71
1962	81	80	80	80	78	76	75	72	72	72	73	74	76
1963	73	73	73	73	71	72	69	63	67	70	70	70	70
1964	71	70	68	69	66	60	55	53	55	55	58	59	62
1965	60	60	60	60	62	61	62	59	55	55	56	57	59
1966	57	59	58	57	58	58	64	64	67	64	64	65	61
1967	64	62	64	62	63	61	60	59	60	61	59	59	61
1968	59	59	59	59	60	59	57	52	53	54	55	54	57
1969	54	55	56	55	54	53	52	49	51	52	53	54	53
1970	54	54	54	54	56	56	57	55	57	58	59	58	56
1971	58	59	57	56	56	56	53	49	49	50	51	52	54
1972	53	54	54	54	54	53	54	57	63	67	69	80	59
1973	81	78	79	82	85	97	103	176	168	155	155	182	120
1974	175	187	207	170	159	174	192	189	192	210	217	205	190
1975	186	181	170	178	173	156	169	177	184	177	158	147	171
1976	149	154	155	149	147	153	152	132	124	114	109	106	137
1977	108	111	113	112	108	102	95	89	95	99	106	106	104
1978	107	108	106	111	112	113	108	108	109	111	114	112	110
1979	111	111	113	115	121	136	140	138	145	155	150	142	131
1980	138	140	136	136	143	154	172	172	168	173	180	181	158
1981	176	172	174	175	170	162	153	146	133	133	136	134	155
1982	135	136	134	135	135	131	126	122	123	121	124	121	129
1983	119	119	125	134	138	139	138	142	146	143	146	141	136
1984	145	142	147	153	157	156	149	139	137	135	135	134	144
1985	133	135	135	139	137	134	127	119	117	121	122	123	129
1986	122	119	120	120	118	105	88	85	86	91	97	98	104
ALL LIVESTOCK AND LIVESTOCK PRODUCTS													
1960	54	54	59	59	60	58	57	55	56	56	57	58	57
1961	58	58	58	57	56	55	55	56	56	56	55	56	56
1962	56	56	56	56	56	57	57	57	60	59	59	59	57
1963	58	56	56	56	56	56	56	57	56	56	53	52	56
1964	53	53	54	52	50	49	52	52	52	51	49	48	51
1965	48	50	51	52	54	57	58	58	57	57	57	60	55
1966	61	63	66	64	62	62	62	64	65	63	61	61	63
1967	61	60	59	59	62	63	63	63	62	61	58	59	61
1968	59	61	63	64	64	64	65	65	64	63	63	63	63
1969	63	65	67	70	75	77	76	73	72	71	70	71	71
1970	74	77	80	79	77	77	75	74	73	72	69	67	74
1971	69	74	74	75	75	74	73	75	75	76	77	78	75
1972	80	85	83	83	88	89	91	93	92	97	91	96	89
1973	101	111	118	113	117	120	121	144	132	125	119	114	120
1974	121	118	108	103	97	85	93	95	87	79	75	74	95
1975	72	73	76	83	92	98	97	92	100	101	96	97	90
1976	97	102	99	107	110	106	99	97	93	91	90	94	99
1977	92	95	97	101	105	101	102	105	104	106	101	102	101
1978	109	115	123	135	143	145	142	144	152	157	150	159	139
1979	173	184	191	196	194	185	182	175	180	174	171	179	182
1980	181	191	177	160	152	159	162	172	170	165	156	156	167
1981	166	164	158	162	150	155	157	151	151	142	139	132	152
1982	135	142	153	153	156	153	151	156	157	151	138	140	149
1983	152	163	164	163	156	147	141	142	139	134	135	143	148
1984	152	156	157	154	149	141	147	148	148	139	142	142	148
1985	156	160	157	152	149	139	131	140	139	143	144	138	146
1986	143	146	143	137	140	137	139	148	153	149	150	145	144

INTRODUCTION TO PRICES

The concept used to estimate prices received by farmers is that of a price which, if multiplied by the total quantity of the commodity sold, would give the total amount received by all farmers for that commodity. It reflects all classes and grades being sold, generally at the point of first sale. Sources of prices received data originally came from farmers themselves, but more recently it has been determined that accurate information can be more easily obtained from elevators and other buyers of agricultural commodities.

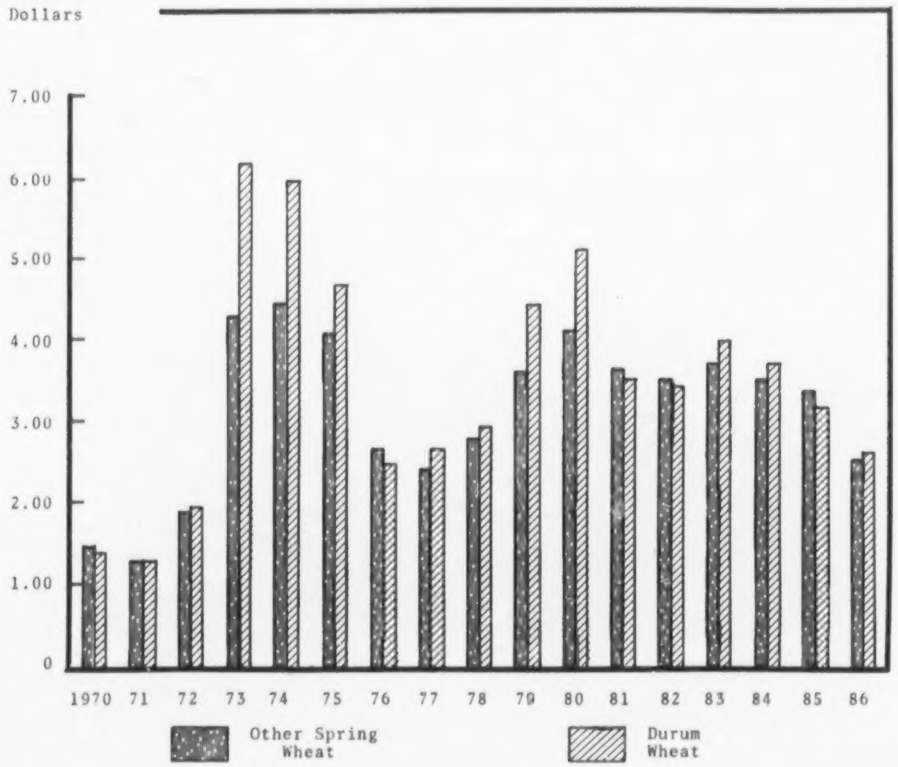
The first price report covered December 1 prices for 10 crops in 1866. The next month, January 1, 1867, annual farm values of six species of livestock began. These once a year price estimates continued until 1908 when collection of prices as of the first of each month began for 8 crops. During the next 2 years, monthly prices received for livestock, poultry and their products were added.

Beginning in 1924, prices received were collected as of the middle of the month instead of the first. This method was used through 1976. In 1977, the National Agricultural Statistics Service (NASS) continued to estimate mid-month prices for the current month, but revisions to previous months estimates were begun. These revisions are based on reports from buyers of actual quantities and values of agricultural products purchased from farmers and ranchers.

The various series of prices received by farmers include monthly prices for most major agricultural commodities; marketing year or season-average prices for all commodities for which production is estimated; prices by utilization, mainly for milk, fruit and vegetables; prices by States for most commodities and by specified areas for a few commodities; equivalent prices by location in the marketing channel for citrus fruit; and December 1 or January 1 inventory values for livestock and poultry.

NASS estimates prices received by farmers monthly for about 60 of the more important crop and livestock items, and on an annual or season-average basis for some 30 additional items. The latter generally have either relatively short marketing seasons, or their final settlement prices are not established until after the commodity is marketed. Fruit and vegetable crops used for processing are sold under contracts with price adjustment for yield and quality so that prices are not finalized until all the crop is delivered. Only a season-average price is estimated for States where monthly marketings are not adequate to obtain reliable prices using sample surveys.

MARKETING YEAR AVERAGE PRICE
North Dakota, 1970 - 86



MARKETING YEAR AVERAGE PRICES RECEIVED BY FARMERS, North Dakota, 1960-86 1/

Crop Year	Corn	Durum Wheat	Spg. Wheat Other than Durum	Winter Wheat	All Wheat	Oats	Barley	Rye	Flaxseed
				- - - Dollars Per Bushel - - -					
1960	.89	1.94	1.79	--	1.82	.44	.71	.75	2.55
1961	1.05	2.96	2.04	--	2.26	.54	.96	.90	3.20
1962	1.02	2.30	2.17	--	2.22	.51	.80	.87	2.78
1963	.96	1.97	1.97	--	1.97	.51	.75	1.00	2.73
1964	1.03	1.38	1.44	1.35	1.42	.53	.85	.93	2.82
1965	1.00	1.28	1.45	1.32	1.39	.50	.97	.87	2.77
1966	1.08	1.68	1.67	1.55	1.67	.55	1.00	.91	2.87
1967	1.00	1.69	1.44	1.28	1.51	.55	.90	.90	2.90
1968	1.02	1.49	1.33	1.16	1.39	.51	.81	.87	2.78
1969	1.00	1.31	1.39	1.22	1.35	.52	.73	.85	2.62
1970	1.14	1.38	1.48	1.28	1.45	.51	.84	.86	2.36
1971	1.00	1.31	1.30	1.15	1.30	.47	.78	.76	2.32
1972	1.37	1.94	1.88	1.72	1.90	.61	1.04	.81	3.13
1973	2.33	6.17	4.28	4.18	4.82	1.10	2.09	2.08	7.62
1974	3.07	5.97	4.45	4.00	4.95	1.41	3.10	2.53	9.60
1975	2.52	4.65	4.05	3.48	4.28	1.32	2.55	2.34	6.51
1976	2.19	2.47	2.67	2.28	2.60	1.37	2.24	2.40	7.18
1977	1.97	2.66	2.40	2.34	2.47	.94	1.54	1.80	4.64
1978	2.06	2.93	2.80	2.52	2.84	1.00	1.78	1.69	5.84
1979	2.16	4.41	3.61	3.32	3.89	1.17	2.10	1.70	5.76
1980	2.93	5.10	4.11	3.66	4.52	1.78	2.68	2.64	7.18
1981	2.30	3.49	3.63	3.41	3.58	1.65	2.20	2.77	6.57
1982	2.48	3.42	3.51	3.31	3.48	1.19	1.76	2.00	5.14
1983	3.03	3.97	3.70	3.45	3.78	1.37	2.20	1.79	6.83
1984	2.57	3.70	3.51	3.16	3.57	1.42	1.94	1.76	6.07
1985	2.17	3.16	3.34	2.80	3.26	1.05	1.60	1.82	5.00
1986	1.35	2.40	2.40	2.00	2.38	1.20	1.25	1.00	3.55

Crop Year	Soybeans	Potatoes	Dry Beans	Sunflower			Sugarbeets	All Hay Baled
				Oil	Non-Oil	All		
	$/Bu.	- - - - - -	- - - Dollars Per Cwt.		- - - - - -		$/Ton	$/Ton
1960	2.16	1.33	--	--	--	--	11.30	14.30
1961	2.16	.99	--	--	--	--	10.10	16.80
1962	2.21	.98	--	--	--	5.50	12.40	12.90
1963	2.39	1.08	--	--	--	4.35	12.70	13.90
1964	2.49	3.55	5.80	--	--	4.15	10.60	17.90
1965	2.47	1.40	6.20	--	--	5.00	11.30	14.90
1966	2.58	1.60	5.70	--	--	5.70	13.30	15.50
1967	2.40	1.34	7.30	4.50	4.95	4.75	14.40	16.00
1968	2.33	1.34	5.60	3.85	4.60	4.41	13.20	15.50
1969	2.28	1.61	6.10	4.05	4.95	4.73	13.90	15.50
1970	2.72	1.67	6.60	4.25	5.50	5.10	14.60	15.50
1971	2.87	1.23	8.30	4.55	5.45	5.07	15.40	16.50
1972	4.25	2.75	7.00	4.75	5.30	4.93	16.40	18.00
1973	5.50	4.60	21.30	8.50	8.40	8.48	25.80	32.00
1974	6.00	3.15	23.90	16.30	14.60	15.51	38.70	41.50
1975	4.99	4.20	14.70	10.40	11.70	10.80	28.50	36.00
1976	7.30	3.45	11.20	10.80	11.70	11.10	19.70	45.50
1977	5.83	2.70	15.80	10.50	10.90	10.60	21.40	44.00
1978	6.75	2.60	13.50	10.40	10.90	10.40	22.90	36.00
1979	5.80	3.25	22.50	8.76	11.70	8.89	34.10	37.50
1980	7.04	6.85	24.70	10.80	13.20	11.00	46.30	75.00
1981	5.70	4.05	19.80	10.50	13.20	10.70	20.50	58.00
1982	5.42	4.35	11.30	8.60	12.10	8.84	35.70	41.50
1983	7.37	4.90	18.70	13.00	12.80	13.00	35.40	39.00
1984	5.59	4.65	16.10	11.00	14.90	11.30	37.00	43.00
1985	4.79	3.20	14.40	7.32	13.30	8.01	35.50	51.50
1986	4.40	4.15	19.70	6.60	9.80	7.09	--	37.50

1/ Prices prior to 1979 are season average prices. These include allowances for outstanding loans and government purchases. Marketing year averages, starting in 1979, are monthly average prices weighted by actual sales each month, excluding these allowances.

MONTHLY AVERAGE PRICES RECEIVED BY FARMERS,
North Dakota, 1960-86 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						Dollars Per Bushel						
ALL WHEAT												
1960	1.92	1.90	1.92	1.94	1.96	1.95	1.94	1.84	1.81	1.82	1.82	1.83
1961	1.82	1.82	1.82	1.82	1.86	1.91	2.14	2.13	2.25	2.29	2.30	2.34
1962	2.40	2.35	2.34	2.34	2.30	2.24	2.23	2.14	2.11	2.14	2.18	2.19
1963	2.15	2.14	2.16	2.17	2.11	2.13	2.02	1.85	1.95	2.05	2.03	2.03
1964	2.03	1.99	1.92	1.96	1.83	1.58	1.42	1.35	1.41	1.42	1.44	1.42
1965	1.42	1.41	1.41	1.41	1.42	1.39	1.43	1.37	1.39	1.39	1.41	1.43
1966	1.44	1.48	1.46	1.41	1.44	1.47	1.70	1.70	1.78	1.70	1.67	1.69
1967	1.64	1.59	1.67	1.61	1.68	1.61	1.57	1.54	1.55	1.62	1.56	1.54
1968	1.55	1.54	1.56	1.53	1.52	1.46	1.45	1.33	1.38	1.42	1.45	1.41
1969	1.43	1.44	1.45	1.44	1.43	1.38	1.39	1.31	1.36	1.40	1.41	1.41
1970	1.40	1.38	1.38	1.39	1.40	1.42	1.45	1.41	1.52	1.55	1.58	1.52
1971	1.51	1.50	1.45	1.44	1.42	1.41	1.33	1.23	1.23	1.27	1.29	1.32
1972	1.35	1.36	1.35	1.35	1.37	1.35	1.36	1.52	1.66	1.79	1.83	2.12
1973	2.12	1.93	1.98	2.06	2.09	2.41	2.63	5.09	4.96	4.35	4.34	5.24
1974	5.77	5.95	5.56	4.50	4.14	4.62	5.15	4.98	5.06	5.54	5.70	5.31
1975	4.72	4.60	4.38	4.61	4.47	3.99	4.41	4.69	4.87	4.68	4.10	3.77
1976	3.85	3.98	4.00	3.81	3.74	3.81	3.77	3.15	2.97	2.70	2.57	2.47
1977	2.50	2.54	2.55	2.49	2.41	2.27	2.17	2.16	2.32	2.45	2.61	2.64
1978	2.65	2.67	2.62	2.75	2.78	2.79	2.70	2.69	2.74	2.81	2.89	2.82
1979	2.77	2.78	2.84	2.84	3.07	3.55	3.70	3.66	3.91	4.23	4.03	3.74
1980	3.69	3.78	3.73	3.73	3.94	4.33	4.83	4.68	4.45	4.60	4.74	4.71
1981	4.67	4.46	4.41	4.37	4.23	3.99	3.76	3.58	3.49	3.54	3.62	3.50
1982	3.57	3.59	3.55	3.62	3.62	3.53	3.46	3.34	3.30	3.32	3.40	3.28
1983	3.30	3.27	3.49	3.78	3.85	3.85	3.82	3.88	3.85	3.78	3.78	3.60
1984	3.64	3.57	3.68	3.81	3.84	3.83	3.69	3.63	3.60	3.55	3.59	3.51
1985	3.50	3.52	3.51	3.58	3.54	3.50	3.31	3.10	3.12	3.20	3.38	3.41
1986	3.33	3.27	3.34	3.45	3.43	2.92	2.30	2.23	2.30	2.28	2.53	2.57
DURUM WHEAT												
1960	2.08	2.08	2.10	2.12	2.12	2.08	2.04	2.02	1.89	1.91	1.88	1.89
1961	1.91	1.89	1.90	1.87	1.90	2.00	2.56	2.70	3.05	3.16	3.10	3.27
1962	3.32	3.15	3.01	3.03	2.78	2.51	2.35	2.28	2.20	2.23	2.25	2.27
1963	2.23	2.22	2.22	2.23	2.16	2.14	2.12	1.92	1.92	2.09	2.04	2.02
1964	2.03	2.02	1.96	1.92	1.80	1.49	1.42	1.35	1.36	1.36	1.37	1.35
1965	1.35	1.33	1.33	1.33	1.33	1.28	1.28	1.28	1.28	1.28	1.26	1.29
1966	1.31	1.38	1.37	1.29	1.31	1.32	1.59	1.61	1.78	1.75	1.72	1.76
1967	1.72	1.62	1.70	1.66	1.71	1.64	1.59	1.65	1.70	1.77	1.68	1.68
1968	1.70	1.73	1.74	1.72	1.69	1.60	1.59	1.38	1.46	1.48	1.52	1.50
1969	1.50	1.54	1.53	1.54	1.49	1.43	1.41	1.32	1.35	1.36	1.36	1.33
1970	1.32	1.31	1.31	1.31	1.30	1.32	1.33	1.33	1.44	1.47	1.49	1.47
1971	1.45	1.44	1.40	1.40	1.41	1.35	1.30	1.22	1.22	1.24	1.27	1.31
1972	1.38	1.38	1.39	1.39	1.41	1.42	1.42	1.56	1.62	1.79	1.81	2.07
1973	2.17	2.02	2.11	2.17	2.16	2.49	2.93	7.06	6.58	5.37	5.24	6.88
1974	7.40	7.41	6.99	5.61	5.04	5.45	6.17	6.11	6.17	6.64	6.80	6.22
1975	5.42	5.60	5.24	5.81	5.72	4.63	4.93	5.39	5.69	5.33	4.53	3.92
1976	3.98	3.97	4.10	3.87	3.70	3.61	3.57	2.93	2.79	2.53	2.38	2.26
1977	2.29	2.42	2.47	2.49	2.39	2.30	2.22	2.24	2.40	2.63	2.76	2.82
1978	2.85	2.83	2.79	2.92	2.96	2.95	2.82	2.83	2.82	2.88	2.93	2.88
1979	2.81	2.89	2.96	2.97	3.13	3.72	4.02	3.90	4.32	4.85	4.64	4.31
1980	4.14	4.18	4.05	4.00	4.45	5.07	6.04	6.00	5.48	5.41	5.43	5.55
1981	5.29	5.00	4.93	4.70	4.21	3.70	3.48	3.50	3.40	3.50	3.54	3.46
1982	3.53	3.62	3.47	3.53	3.51	3.42	3.26	3.08	3.08	3.16	3.22	3.15
1983	3.19	3.18	3.45	3.83	3.93	4.00	3.95	4.11	4.08	4.01	3.97	3.81
1984	3.80	3.62	3.85	3.90	3.82	3.84	3.72	3.86	3.79	3.73	3.75	3.68
1985	3.55	3.60	3.55	3.60	3.53	3.46	3.26	3.15	3.07	3.01	3.07	3.16
1986	3.16	3.16	3.20	3.29	3.37	3.18	2.28	2.11	2.29	2.35	2.54	2.63
SPRING WHEAT OTHER THAN DURUM												
1960	1.88	1.86	1.88	1.90	1.92	1.93	1.91	1.79	1.79	1.80	1.80	1.81
1961	1.80	1.80	1.80	1.81	1.85	1.89	2.01	1.96	2.02	2.04	2.06	2.09
1962	2.10	2.10	2.12	2.12	2.15	2.15	2.17	2.07	2.07	2.10	2.15	2.14
1963	2.10	2.09	2.12	2.13	2.08	2.12	1.97	1.82	1.96	2.03	2.03	2.03
1964	2.03	1.97	1.90	1.98	1.75	1.62	1.42	1.35	1.44	1.45	1.46	1.46
1965	1.47	1.46	1.46	1.46	1.48	1.45	1.50	1.42	1.44	1.44	1.49	1.50
1966	1.50	1.53	1.51	1.47	1.51	1.54	1.75	1.75	1.78	1.67	1.65	1.66
1967	1.60	1.58	1.65	1.58	1.66	1.59	1.56	1.49	1.48	1.54	1.50	1.48
1968	1.49	1.47	1.49	1.45	1.45	1.40	1.36	1.30	1.34	1.38	1.40	1.36
1969	1.39	1.39	1.40	1.39	1.40	1.36	1.38	1.30	1.38	1.43	1.46	1.47
1970	1.47	1.45	1.44	1.47	1.48	1.50	1.50	1.48	1.55	1.59	1.62	1.54
1971	1.53	1.52	1.47	1.46	1.43	1.44	1.35	1.23	1.23	1.28	1.30	1.33
1972	1.35	1.35	1.33	1.33	1.35	1.33	1.34	1.50	1.68	1.79	1.84	2.14
1973	2.10	1.89	1.93	2.01	2.06	2.38	2.49	4.24	4.27	3.91	3.95	4.53
1974	5.07	5.32	4.95	4.03	3.75	4.27	4.69	4.48	4.54	5.04	5.19	4.87
1975	4.39	4.12	3.97	4.03	3.87	3.69	4.10	4.25	4.36	4.27	3.84	3.66
1976	3.77	3.99	3.94	3.78	3.78	3.95	3.88	3.26	3.06	2.79	2.66	2.57
1977	2.59	2.65	2.62	2.49	2.42	2.25	2.14	2.10	2.27	2.34	2.47	2.41
1978	2.48	2.48	2.52	2.65	2.69	2.69	2.64	2.63	2.69	2.78	2.85	2.79
1979	2.74	2.72	2.78	2.78	3.05	3.47	3.56	3.54	3.61	3.67	3.56	3.53
1980	3.47	3.52	3.42	3.47	3.66	3.79	4.02	3.90	3.98	4.16	4.26	4.23
1981	4.24	4.16	4.10	4.22	4.24	4.10	3.97	3.64	3.55	3.57	3.70	3.55
1982	3.59	3.56	3.57	3.65	3.66	3.58	3.53	3.44	3.42	3.39	3.47	3.35
1983	3.34	3.30	3.52	3.76	3.77	3.77	3.74	3.74	3.65	3.64	3.61	3.44
1984	3.54	3.54	3.63	3.76	3.85	3.83	3.68	3.50	3.51	3.47	3.48	3.42
1985	3.49	3.49	3.49	3.57	3.56	3.53	3.34	3.09	3.16	3.34	3.49	3.56
1986	3.54	3.43	3.49	3.59	3.49	2.72	2.33	2.32	2.31	2.21	2.53	2.50

1/ Prior to January 1977, monthly prices were based on a mid-month average. Beginning in January 1977 estimates are based on average prices received by farmers for the entire month.

MONTHLY AVERAGE PRICES RECEIVED BY FARMERS,
North Dakota, 1960-86 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	- - - - - - Dollars Per Bushel - - - - - -											
BARLEY												
1960	.79	.78	.77	.79	.79	.78	.74	.69	.70	.71	.72	.71
1961	.72	.72	.72	.74	.76	.74	.84	.93	.97	.99	1.01	1.00
1962	1.01	1.01	.98	.96	.91	.87	.85	.79	.77	.78	.80	.81
1963	.80	.80	.80	.82	.82	.82	.80	.68	.71	.77	.78	.78
1964	.78	.77	.79	.86	.80	.81	.79	.74	.81	.83	.85	.86
1965	.87	.91	.90	.91	.94	.98	.97	.91	.92	.94	.98	.99
1966	1.00	1.03	1.03	1.00	1.01	.98	.98	.98	1.01	1.05	1.04	1.03
1967	1.03	1.01	1.01	1.01	1.01	1.01	1.00	.93	.91	.93	.91	.89
1968	.92	.93	.93	.91	.91	.88	.81	.67	.78	.78	.79	.79
1969	.80	.81	.80	.80	.80	.79	.75	.64	.70	.73	.75	.76
1970	.75	.75	.75	.76	.78	.80	.78	.77	.83	.86	.85	.86
1971	.87	.92	.90	.88	.88	.87	.83	.70	.73	.77	.80	.80
1972	.81	.84	.81	.81	.81	.83	.83	.80	.86	.95	.94	1.07
1973	1.14	1.12	1.11	1.14	1.16	1.31	1.34	1.97	1.90	2.03	1.89	2.01
1974	2.08	2.46	2.68	2.16	2.07	2.30	2.42	2.84	2.93	3.35	3.76	3.60
1975	3.34	3.18	2.72	3.00	2.96	2.58	2.60	2.57	3.08	2.91	2.52	2.40
1976	2.28	2.24	2.28	2.28	2.34	2.68	2.61	2.50	2.48	2.29	2.11	2.03
1977	2.18	2.20	2.27	2.25	2.02	1.72	1.34	1.23	1.34	1.47	1.59	1.63
1978	1.70	1.74	1.72	1.84	1.87	1.85	1.68	1.66	1.70	1.76	1.85	1.86
1979	1.83	1.77	1.85	1.93	1.99	2.10	2.11	2.12	2.18	2.30	2.21	2.17
1980	2.09	2.02	1.92	1.97	1.99	2.14	2.42	2.43	2.43	2.61	2.76	2.74
1981	2.74	2.80	2.88	2.93	2.84	2.69	2.14	2.16	2.25	2.18	2.28	2.32
1982	2.26	2.31	2.09	2.14	2.19	2.11	1.91	1.64	1.56	1.61	1.66	1.62
1983	1.62	1.70	1.71	1.96	2.02	1.95	1.92	1.99	2.17	2.24	2.30	2.27
1984	2.27	2.23	2.31	2.38	2.41	2.42	2.18	1.88	1.89	1.90	1.91	1.90
1985	1.89	1.97	1.99	1.98	1.94	1.93	1.73	1.51	1.46	1.60	1.65	1.73
1986	1.82	1.82	1.78	1.70	1.51	1.35	1.20	1.06	1.14	1.31	1.43	1.42
FEED BARLEY												
1960	.70	.69	.69	.70	.70	.70	.66	.63	.63	.63	.64	.63
1961	.63	.64	.64	.64	.66	.65	.72	.76	.78	.83	.84	.85
1962	.85	.84	.83	.83	.82	.77	.76	.71	.70	.71	.71	.72
1963	.70	.71	.71	.71	.70	.70	.68	.60	.63	.67	.69	.68
1964	.69	.69	.69	.70	.71	.71	.70	.65	.73	.73	.74	.76
1965	.78	.79	.80	.79	.81	.83	.83	.80	.83	.84	.86	.86
1966	.89	.93	.93	.86	.90	.88	.90	.91	.92	.92	.90	.90
1967	.91	.90	.91	.91	.91	.91	.91	.85	.83	.85	.82	.82
1968	.84	.84	.84	.81	.81	.79	.72	.59	.66	.67	.68	.68
1969	.70	.71	.71	.71	.69	.68	.67	.56	.61	.64	.66	.68
1970	.68	.67	.67	.67	.69	.69	.69	.68	.76	.77	.76	.79
1971	.82	.86	.83	.81	.80	.78	.73	.62	.68	.70	.73	.73
1972	.75	.76	.75	.74	.75	.78	.76	.75	.81	.89	.87	1.02
1973	1.04	1.00	.98	1.01	1.04	1.23	1.31	1.88	1.70	1.81	1.58	1.78
1974	1.92	2.06	2.13	1.57	1.72	1.87	1.96	2.40	2.36	2.59	2.84	2.77
1975	2.63	2.48	1.98	2.00	1.84	1.61	1.73	2.11	2.42	2.41	2.00	1.75
1976	1.74	1.82	1.93	1.93	1.99	2.13	2.07	2.04	2.27	2.10	1.88	1.74
1977	1.92	2.16	1.96	2.03	1.78	1.48	1.32	1.20	1.26	1.33	1.39	1.41
1978	1.54	1.55	1.56	1.65	1.61	1.64	1.41	1.45	1.43	1.52	1.47	1.47
1979	1.49	1.52	1.56	1.45	1.55	1.73	2.00	1.74	1.94	1.83	1.74	1.88
1980	1.88	1.84	1.77	1.86	1.89	1.87	2.21	2.15	1.99	2.28	2.51	2.42
1981	2.51	2.49	2.39	2.39	2.11	1.91	1.94	1.95	1.99	1.97	2.04	1.90
1982	1.94	2.08	1.93	1.96	1.86	1.91	1.79	1.48	1.44	1.34	1.42	1.38
1983	1.44	1.48	1.57	1.78	1.78	1.69	1.82	1.94	2.11	2.15	2.18	2.18
1984	2.20	2.19	2.16	2.23	2.31	2.31	2.11	1.81	1.82	1.83	1.83	1.84
1985	1.78	1.82	1.85	1.85	1.76	1.71	1.52	1.47	1.36	1.44	1.55	1.66
1986	1.74	1.64	1.57	1.53	1.39	1.25	1.13	1.03	1.09	1.24	1.30	1.31
MALTING BARLEY												
1960	.86	.85	.84	.86	.86	.85	.81	.76	.78	.79	.79	.79
1961	.81	.80	.81	.82	.84	.84	.96	1.04	1.07	1.08	1.11	1.09
1962	1.11	1.10	1.07	1.04	.98	.94	.91	.84	.83	.86	.87	.87
1963	.86	.86	.87	.88	.88	.89	.87	.76	.80	.85	.86	.86
1964	.85	.85	.87	.88	.89	.88	.86	.82	.89	.91	.93	.94
1965	.94	.97	.98	.99	1.02	1.04	1.04	.95	.95	.99	1.06	1.07
1966	1.05	1.09	1.09	1.04	1.05	1.03	1.02	1.02	1.06	1.09	1.09	1.07
1967	1.07	1.04	1.05	1.04	1.06	1.05	1.03	.98	.95	.98	.96	.92
1968	.94	.94	.95	.94	.94	.90	.84	.68	.84	.85	.86	.85
1969	.86	.87	.85	.85	.86	.85	.80	.67	.73	.76	.77	.78
1970	.77	.77	.76	.77	.81	.82	.80	.80	.87	.89	.89	.89
1971	.90	.95	.94	.93	.92	.92	.87	.73	.75	.79	.83	.83
1972	.84	.86	.84	.84	.84	.86	.86	.82	.89	.98	.98	1.09
1973	1.19	1.18	1.20	1.23	1.25	1.36	1.37	2.08	2.11	2.17	2.08	2.14
1974	2.18	2.64	2.96	2.38	2.27	2.47	2.63	3.08	3.27	3.71	4.07	3.92
1975	3.79	3.64	3.22	3.49	3.51	3.15	3.11	2.79	3.27	3.13	2.83	2.62
1976	2.59	2.49	2.50	2.50	2.54	2.99	2.84	2.71	2.67	2.45	2.32	2.25
1977	2.34	2.22	2.32	2.29	2.11	1.87	1.44	1.28	1.54	1.61	1.70	1.74
1978	1.80	1.78	1.77	1.86	1.94	1.88	1.73	1.72	1.74	1.81	1.87	1.88
1979	1.86	1.81	1.87	1.95	2.00	2.12	2.14	2.16	2.22	2.34	2.28	2.22
1980	2.13	2.07	1.97	2.00	2.08	2.25	2.49	2.51	2.62	2.94	2.96	2.92
1981	2.99	2.97	3.00	3.07	2.94	2.85	2.36	2.30	2.40	2.24	2.34	2.36
1982	2.42	2.43	2.19	2.18	2.22	2.14	1.93	1.69	1.57	1.64	1.71	1.67
1983	1.65	1.73	1.74	1.99	2.07	1.96	1.94	2.03	2.26	2.33	2.39	2.39
1984	2.34	2.29	2.37	2.45	2.46	2.49	2.19	1.96	1.97	1.96	1.96	1.94
1985	1.96	2.03	2.04	2.03	2.03	1.97	1.82	1.65	1.65	1.75	1.76	1.81
1986	1.87	1.88	1.88	1.78	1.59	1.48	1.29	1.16	1.30	1.41	1.47	1.44

1/ Prior to January 1977, monthly prices were based on a mid-month average. Beginning in January 1977 estimates are based on average prices received by farmers for the entire month.

MONTHLY AVERAGE PRICES RECEIVED BY FARMERS,
North Dakota, 1960-86 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
						- - - - - - Dollars Per Bushel - - - - - -						
CORN												
1960	.90	.89	.91	.91	.93	.93	.94	.93	.89	.87	.80	.82
1961	.83	.82	.84	.82	.89	.90	.94	.94	.90	.95	.93	.90
1962	.90	.89	.91	.94	.94	.92	.90	.91	.93	.95	.92	.95
1963	1.01	1.02	1.00	1.00	1.00	1.03	1.00	1.00	1.02	.97	.91	.95
1964	.96	.94	.98	1.00	1.00	1.02	.98	.97	.98	.98	.96	1.03
1965	1.06	1.07	1.07	1.08	1.09	1.06	1.07	1.06	1.06	1.02	.96	1.01
1966	1.03	1.01	1.01	1.01	1.01	1.07	1.09	1.11	1.08	1.07	1.07	1.11
1967	1.11	1.10	1.10	1.05	1.08	1.09	1.06	.98	1.02	1.02	.98	1.00
1968	1.00	1.00	1.02	1.02	1.04	1.02	1.02	.95	.93	.97	1.02	1.03
1969	1.03	1.08	1.07	1.07	1.08	1.04	1.04	1.00	.98	.98	.93	.96
1970	.99	.99	1.00	1.03	1.03	1.10	1.06	1.09	1.15	1.11	1.12	1.23
1971	1.23	1.30	1.25	1.22	1.22	1.22	1.21	1.02	1.02	.96	.98	1.02
1972	1.01	1.01	1.04	1.05	1.05	1.06	1.07	1.08	1.08	1.08	1.10	1.28
1973	1.29	1.26	1.25	1.26	1.37	1.65	1.75	2.51	2.03	2.13	2.05	2.12
1974	2.35	2.47	2.55	2.40	2.46	2.48	2.64	3.08	3.12	3.31	3.28	3.19
1975	3.09	3.05	2.59	2.58	2.64	2.73	2.69	2.88	2.77	2.62	2.33	2.38
1976	2.35	2.40	2.42	2.42	2.63	2.82	2.79	2.62	2.67	2.39	2.28	2.43
1977						- - - - - - - - Discontinued - - - - - - - -						
1978												
1979												
1980								2.77	2.73	2.84	2.89	3.06
1981	3.10	3.02	2.98	2.95	2.99	2.95	2.85	2.72	2.61	2.41	2.18	2.19
1982	2.17	2.07	2.23	2.32	2.42	2.01	2.51	2.00	2.22	1.62	1.97	1.99
1983	1.91	2.37	2.49	2.81	2.43	2.85	2.88	3.09	3.16	2.92	3.02	2.95
1984	2.99	2.95	3.04	3.21	3.24	3.22	3.15	3.05	2.85	2.60	2.57	2.52
1985	2.55	2.53	2.56	2.61	2.60	2.61	2.57	2.54	2.52	2.17	2.19	2.26
1986	2.21	2.20	2.23	2.15	2.17	2.17	1.96	1.47	1.09	1.31	1.31	1.30
OATS												
1960	.55	.53	.54	.53	.53	.52	.49	.44	.44	.43	.43	.43
1961	.44	.44	.44	.44	.46	.46	.54	.52	.56	.55	.55	.58
1962	.57	.54	.55	.56	.56	.52	.50	.46	.49	.49	.53	.51
1963	.51	.51	.51	.51	.50	.51	.49	.45	.49	.49	.50	.50
1964	.50	.49	.49	.50	.50	.48	.47	.46	.49	.50	.49	.51
1965	.53	.52	.52	.52	.53	.52	.51	.48	.48	.48	.50	.51
1966	.52	.52	.52	.51	.53	.52	.54	.53	.54	.55	.55	.56
1967	.56	.54	.56	.55	.56	.55	.55	.52	.53	.54	.54	.55
1968	.56	.57	.58	.58	.58	.57	.52	.44	.46	.47	.50	.50
1969	.52	.53	.52	.50	.51	.48	.46	.42	.44	.46	.48	.48
1970	.48	.49	.48	.49	.49	.49	.48	.47	.52	.51	.53	.52
1971	.53	.54	.51	.49	.52	.51	.48	.42	.45	.45	.48	.49
1972	.51	.52	.51	.51	.51	.52	.52	.51	.53	.55	.59	.70
1973	.68	.64	.63	.63	.65	.69	.68	1.12	1.01	1.02	1.01	1.08
1974	1.19	1.33	1.26	1.03	1.11	1.16	1.24	1.43	1.44	1.57	1.64	1.60
1975	1.51	1.46	1.29	1.38	1.39	1.34	1.32	1.36	1.35	1.27	1.27	1.25
1976	1.26	1.29	1.28	1.26	1.29	1.50	1.48	1.29	1.33	1.30	1.28	1.31
1977	1.41	1.46	1.46	1.44	1.38	1.22	.91	.75	.90	.84	1.01	.99
1978	1.06	1.08	1.04	1.08	1.14	1.05	.98	.92	.93	.95	.98	.98
1979	1.03	1.07	1.05	1.05	1.08	1.20	1.16	1.05	1.05	1.07	1.17	1.10
1980	1.13	1.17	1.13	1.19	1.29	1.33	1.61	1.54	1.56	1.57	1.73	1.79
1981	1.84	1.89	2.02	2.03	1.96	1.89	1.65	1.50	1.56	1.61	1.68	1.67
1982	1.73	1.77	1.71	1.75	1.77	1.59	1.35	1.14	1.04	1.04	1.12	1.19
1983	1.18	1.19	1.20	1.29	1.31	1.22	1.23	1.26	1.30	1.32	1.36	1.38
1984	1.48	1.42	1.47	1.49	1.60	1.58	1.50	1.35	1.35	1.43	1.45	1.50
1985	1.44	1.44	1.50	1.50	1.47	1.37	1.18	.97	.98	.95	1.03	1.10
1986	1.13	1.04	1.04	1.16	1.04	.99	.84	.85	.85	1.00	1.30	1.34
FLAXSEED												
1960	3.08	2.95	2.76	2.90	3.03	2.80	2.48	2.70	2.60	2.45	2.36	2.42
1961	2.43	2.56	2.64	2.71	2.72	2.75	3.42	3.30	3.28	3.17	3.07	3.10
1962	3.08	3.12	3.13	3.21	3.13	2.93	2.91	2.81	2.80	2.76	2.75	2.70
1963	2.72	2.76	2.76	2.76	2.73	2.71	2.72	2.64	2.53	2.69	2.71	2.73
1964	2.80	2.75	2.81	2.77	2.79	2.75	2.68	2.64	2.69	2.82	2.91	2.87
1965	2.89	2.89	2.87	2.85	2.87	2.86	2.81	2.77	2.70	2.65	2.70	2.68
1966	2.71	2.79	2.83	2.81	2.84	2.82	2.85	2.84	2.88	2.88	2.88	2.86
1967	2.85	2.83	2.83	2.85	2.89	2.89	2.91	2.94	2.92	2.86	2.82	2.82
1968	2.86	2.87	2.91	2.90	2.91	2.94	2.86	2.73	2.75	2.78	2.77	2.77
1969	2.75	2.78	2.83	2.83	2.85	2.79	2.69	2.59	2.53	2.61	2.58	2.61
1970	2.61	2.58	2.61	2.63	2.65	2.58	2.54	2.39	2.31	2.28	2.30	2.30
1971	2.27	2.29	2.30	2.36	2.38	2.36	2.31	2.27	2.25	2.22	2.25	2.33
1972	2.37	2.39	2.41	2.45	2.47	2.47	2.45	2.49	2.64	2.74	2.79	3.12
1973	3.48	4.12	4.35	4.37	4.60	5.54	5.75	6.79	7.26	7.69	8.10	8.65
1974	9.35	10.10	10.80	9.25	8.92	7.76	8.67	10.90	9.73	10.50	10.60	10.50
1975	8.57	7.76	6.35	6.76	7.51	6.66	7.59	7.21	6.79	6.63	5.59	5.64
1976	5.32	5.80	5.72	5.83	6.08	6.66	7.12	6.98	7.47	7.04	7.21	6.96
1977	7.00	7.14	7.39	7.68	7.11	6.04	5.50	4.81	4.26	4.76	4.24	4.34
1978	4.20	3.99	4.37	4.78	5.14	5.85	5.32	5.42	5.24	5.14	5.40	5.24
1979	5.59	6.12	6.28	7.07	7.22	7.19	6.78	6.45	6.18	5.38	5.39	5.48
1980	5.55	5.76	5.79	5.31	5.60	5.84	6.44	6.59	6.99	7.10	7.18	7.65
1981	7.63	7.46	7.21	7.31	7.56	7.32	7.25	6.86	6.39	6.18	6.63	6.81
1982	6.91	6.88	6.76	6.65	6.56	6.68	6.25	5.37	5.37	5.07	4.96	4.64
1983	4.79	4.70	4.58	4.52	4.67	4.92	4.96	5.96	7.14	6.98	6.97	6.65
1984	6.86	7.05	7.07	7.13	7.24	6.74	6.10	6.03	5.69	5.65	5.85	6.05
1985	6.61	6.65	6.10	6.66	6.94	6.55	6.20	5.86	5.46	5.01	4.79	4.78
1986	4.78	4.96	4.95	4.88	4.89	4.95	4.41	3.74	3.67	3.45	3.39	3.33

1/ Prior to January 1977, monthly prices were based on a mid-month average. Beginning in January 1977 estimates are based on average prices received by farmers for the entire month.

MONTHLY AVERAGE PRICES RECEIVED BY FARMERS,
North Dakota, 1960-86 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
			- - - - - - Dollars	Per Bushel - - - - - -								
SOYBEANS												
1960	1.82	1.79	1.79	1.82	1.84	1.83	1.85	1.86	1.87	1.85	1.88	1.89
1961	2.05	2.30	2.45	2.87	2.78	2.46	2.35	2.36	2.17	2.05	2.15	2.16
1962	2.16	2.18	2.18	2.20	2.21	2.20	2.21	2.19	2.14	2.10	2.14	2.18
1963	2.20	2.30	2.31	2.26	2.27	2.32	2.29	2.30	2.28	2.46	2.54	2.44
1964	2.45	2.45	2.35	2.30	2.22	2.22	2.21	2.22	2.31	2.40	2.43	2.55
1965	2.61	2.65	2.69	2.70	2.60	2.60	2.54	2.38	2.31	2.16	2.22	2.35
1966	2.57	2.60	2.53	2.62	2.74	2.91	3.17	3.18	2.70	2.60	2.66	2.67
1967	2.58	2.55	2.58	2.58	2.58	2.58	2.54	2.43	2.39	2.34	2.35	2.38
1968	2.40	2.45	2.47	2.45	2.48	2.45	2.40	2.38	2.27	2.25	2.31	2.31
1969	2.33	2.37	2.37	2.38	2.42	2.37	2.37	2.36	2.26	2.14	2.15	2.15
1970	2.22	2.24	2.27	2.37	2.40	2.48	2.60	2.51	2.49	2.60	2.67	2.57
1971	2.66	2.72	2.74	2.64	2.71	2.85	3.10	2.98	2.80	2.80	2.69	2.81
1972	2.74	2.81	2.95	3.10	3.15	3.10	3.20	3.10	3.00	2.95	3.21	3.80
1973	3.81	5.34	6.00	5.93	8.20	10.00	6.85	8.80	5.80	5.40	4.94	5.45
1974	5.50	5.67	5.60	5.00	5.05	4.99	5.86	7.52	6.99	8.07	7.60	6.90
1975	6.47	5.72	5.03	5.43	4.95	4.87	5.07	5.63	5.11	4.85	4.49	4.14
1976	4.17	4.21	4.25	4.32	4.71	6.09	6.31	5.83	6.52	5.83	5.93	6.44
1977	6.69	7.03	7.95	8.95	9.75	8.26	5.91	5.47	4.77	4.74	5.37	5.43
1978	5.28	5.49	5.62	6.50	6.34	6.28	6.12	6.00	5.89	6.06	5.73	5.65
1979	6.21	6.49	6.94	6.80	6.78	7.05	7.06	6.60	6.02	5.98	6.14	5.67
1980	5.58	5.64	5.11	5.26	5.34	5.56	6.49	6.89	7.15	7.26	7.87	6.69
1981	6.50	6.73	6.82	6.99	7.09	6.61	6.89	6.38	5.83	5.62	5.57	5.42
1982	5.54	5.46	5.61	5.90	6.09	5.92	5.72	5.37	5.08	5.05	5.00	5.14
1983	5.12	5.37	5.74	5.90	5.88	5.77	5.97	7.17	7.69	7.23	7.29	7.19
1984	7.25	6.94	7.30	7.74	8.11	7.69	7.13	6.17	5.84	5.81	5.87	5.60
1985	5.34	5.55	5.56	5.70	5.46	5.47	5.21	4.96	4.79	4.44	4.76	4.94
1986	5.08	4.96	4.98	5.00	4.52	5.00	4.66	4.74	4.41	4.37	4.49	4.53
POTATOES			- - - - - - Dollars	Per Hundredweight - - - - - -								
1960	1.60	1.50	1.95	2.35	2.05	--	--	1.80	1.60	1.35	1.45	1.30
1961	1.30	1.20	1.15	1.40	1.25	--	--	--	1.10	1.15	1.05	1.05
1962	.90	.85	.90	1.00	1.10	--	--	--	1.15	.95	.95	.90
1963	1.00	1.05	1.05	.90	.75	--	--	--	1.15	.90	1.00	.90
1964	.90	.95	1.20	1.30	1.60	--	--	--	1.75	1.40	2.85	3.75
1965	4.65	4.70	4.45	4.50	5.50	--	--	--	1.55	1.45	1.40	1.35
1966	1.40	1.35	1.45	1.40	1.30	--	--	--	1.65	1.10	1.45	1.45
1967	2.00	2.00	1.80	1.60	.90	--	--	--	1.60	1.25	1.35	1.15
1968	1.25	1.35	1.15	1.55	2.40	--	--	--	1.30	1.15	1.30	1.25
1969	1.25	1.40	1.60	1.55	.90	--	--	--	1.30	1.15	1.45	1.50
1970	1.55	1.75	1.95	1.95	2.55	--	--	--	1.35	1.50	1.60	1.80
1971	1.50	1.90	1.85	1.60	1.65	--	--	--	1.25	1.20	1.20	1.40
1972	1.20	1.30	1.25	1.20	.85	.85	--	--	1.85	1.70	2.25	2.50
1973	3.00	3.15	3.30	3.35	3.90	4.50	--	--	2.10	2.20	3.10	4.00
1974	4.25	5.85	6.95	6.75	5.85	6.80	--	3.40	3.35	3.15	3.25	3.15
1975	3.35	3.35	3.80	2.45	1.80	2.00	--	--	2.75	3.25	3.85	3.95
1976	4.00	4.80	5.15	4.80	4.45	--	--	--	2.60	2.60	2.60	2.65
1977	2.80	3.70	4.00	4.40	5.00	5.50	--	2.70	2.70	2.50	2.60	2.60
1978	2.65	2.75	2.75	2.85	2.85	3.00	--	--	2.70	2.10	2.40	2.65
1979	2.70	2.65	2.65	2.75	2.90	3.00	--	--	2.40	3.00	3.35	3.40
1980	3.65	3.55	3.25	3.05	3.25	3.15	3.15	5.00	5.00	4.50	5.20	6.25
1981	6.50	7.50	9.00	9.50	7.50	7.50	--	--	3.75	3.40	4.25	4.25
1982	4.30	4.50	4.20	3.60	3.50	3.50	--	--	3.60	3.75	4.10	4.20
1983	4.25	4.30	4.65	4.75	5.10	5.10	--	4.00	3.50	3.70	4.10	4.30
1984	5.00	5.00	5.60	6.10	6.80	--	--	--	3.30	3.75	3.95	4.25
1985	4.65	5.25	5.40	5.50	5.00	4.50	--	--	3.10	2.95	3.25	3.25
1986	3.50	3.60	3.50	2.85	2.65	2.65	--	--	2.80	3.30	4.00	3.90
DRY BEANS												
1964								5.00	4.30	4.60	5.40	5.90
1965	6.50	7.00	7.00	7.00	7.00	7.00	7.00	7.00	7.00	6.00	6.00	6.50
1966	6.70	6.20	6.20	6.20	6.20	6.50	6.70	--	6.00	5.60	5.40	5.50
1967	5.20	5.60	5.80	5.90	5.90	5.90	6.20	--	--	7.00	7.70	7.50
1968	7.80	7.80	7.80	8.00	7.80	7.80	7.70	--	5.60	5.50	5.50	5.80
1969	5.80	--	5.80	5.70	5.70	5.70	5.70	--	5.60	6.00	6.50	6.50
1970	6.50	6.60	6.50	6.50	6.50	7.00	--	--	6.30	6.30	7.00	6.40
1971	6.80	7.30	7.10	6.60	6.50	6.50	--	--	7.30	8.00	8.50	8.70
1972	8.70	9.20	9.70	10.20	10.20	10.20	8.20	--	7.00	7.30	7.30	6.80
1973	6.80	6.80	6.80	6.80	7.50	8.50	9.80	--	12.00	17.10	20.60	24.30
1974	31.00	46.00	43.00	35.00	30.00	30.00	25.00	--	21.00	31.00	24.50	26.00
1975	24.00	24.00	24.00	24.50	24.50	26.00	--	--	19.00	18.00	14.00	13.50
1976	11.00	12.00	13.00	11.00	10.00	11.00	10.50	--	10.70	11.40	11.20	11.50
1977	10.30	10.80	10.80	10.80	11.20	11.30	12.00	12.00	13.70	20.30	24.50	17.60
1978	18.50	16.00	14.80	14.20	12.10	12.30	12.80	16.50	11.20	14.00	13.00	14.50
1979	14.00	14.00	14.00	14.30	16.50	19.50	--	--	18.00	19.30	22.40	25.40
1980	28.50	28.00	28.10	27.50	26.80	28.00	28.00	--	23.40	24.30	25.70	24.50
1981	25.60	27.00	26.50	26.00	32.00	--	--	--	21.50	23.00	20.50	19.50
1982	17.50	14.00	14.00	10.60	11.40	9.70	9.20	15.50	13.90	11.70	9.70	9.10
1983	8.60	8.10	8.20	8.70	11.20	12.40	12.50	15.30	22.80	21.00	20.20	18.30
1984	17.50	17.80	17.30	16.20	17.00	15.60	14.60	17.00	17.00	15.90	14.50	15.00
1985	15.50	14.60	15.50	16.40	16.70	17.00	18.00	17.30	14.60	15.20	14.70	14.30
1986	15.30	14.00	12.80	13.30	13.40	13.60	14.20	13.50	15.40	21.40	20.50	20.10

1/ Prior to January 1977, monthly prices were based on a mid-month average. Beginning in January 1977 estimates are based on average prices received by farmers for the entire month. Entire month price for dry beans began January 1979.

MONTHLY AVERAGE PRICES RECEIVED BY FARMERS,
North Dakota, 1960-86

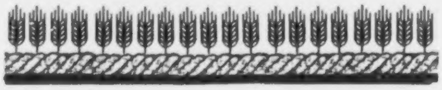
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	- - - - - - Dollars Per Ton - - - - - -											
ALL HAY												
1960	20.30	21.90	23.20	23.60	23.10	14.80	13.80	13.80	13.00	14.00	14.50	14.50
1961	14.50	15.00	15.00	14.50	14.50	14.50	15.50	15.90	16.40	17.90	18.10	16.80
1962	17.20	17.50	18.40	17.20	17.80	16.20	12.50	11.60	11.60	11.70	11.70	12.10
1963	12.90	15.00	14.50	14.00	12.90	12.60	13.70	12.90	13.50	14.20	14.20	15.20
1964	14.20	14.20	13.60	13.70	13.20	12.60	13.30	13.70	13.80	12.70	13.60	14.60
1965	20.50	23.00	23.00	23.00	20.00	16.50	13.50	12.50	13.50	14.00	14.50	15.00
1966	15.50	16.00	16.50	15.50	16.00	16.00	16.00	15.50	16.00	15.00	15.00	14.50
1967	15.00	17.00	15.00	13.00	19.00	16.00	16.00	16.00	16.00	15.00	15.50	15.50
1968	15.50	16.00	16.00	16.50	16.50	16.50	15.50	14.50	15.00	14.50	15.00	15.50
1969	14.50	15.50	16.00	16.00	14.00	13.50	15.00	14.50	15.50	15.50	15.50	15.50
1970	16.00	16.50	16.50	16.00	16.00	15.50	14.50	14.00	14.00	15.50	15.50	15.50
1971	15.50	17.00	16.00	16.00	15.50	15.00	15.50	16.00	16.00	16.50	15.50	16.10
1972	18.50	18.00	17.50	18.00	16.50	18.00	18.00	17.00	18.00	17.50	18.00	19.40
1973	19.50	18.00	18.50	18.50	19.50	22.00	22.00	29.00	30.50	30.00	31.00	32.00
1974	32.50	37.00	41.50	42.50	41.00	37.00	36.50	38.50	37.00	38.00	42.50	40.50
1975	43.50	43.50	44.00	49.00	42.00	38.00	37.00	35.50	38.50	37.50	36.50	35.50
1976	38.50	35.00	35.00	32.00	32.50	37.00	41.50	43.50	41.00	44.00	45.50	46.50
1977	51.00	51.00	52.00	53.00	48.50	49.50	41.00	41.50	42.00	37.50	43.00	41.50
1978	44.00	46.00	50.00	52.00	48.00	41.50	40.00	38.00	34.50	31.00	31.50	33.50
1979	34.50	36.00	37.50	38.50	34.00	39.50	39.00	42.00	39.50	38.00	37.50	38.50
1980	39.00	37.00	33.50	33.50	40.00	47.50	72.50	83.00	77.00	77.00	75.00	75.00
1981	76.00	78.50	82.50	82.50	88.00	78.00	75.00	59.00	55.00	60.00	55.00	59.00
1982	59.00	58.00	55.00	54.00	57.00	53.00	42.00	46.00	45.00	45.00	41.00	42.00
1983	39.00	38.00	37.00	38.00	38.00	35.00	38.00	35.00	36.00	37.00	40.00	41.00
1984	40.00	39.00	40.00	40.00	41.00	41.00	42.00	41.00	42.00	43.00	43.00	42.00
1985	42.00	43.00	44.00	44.00	44.00	42.00	45.00	51.00	53.00	52.00	50.00	53.00
1986	54.00	55.00	55.00	55.00	50.00	50.00	43.00	37.00	36.00	34.00	36.00	37.00
ALFALFA HAY												
1960	22.50	24.00	26.00	27.00	26.40	16.00	16.00	16.00	15.50	16.00	17.00	17.20
1961	17.50	18.00	17.50	17.50	17.50	17.00	18.50	19.00	19.00	20.50	20.00	19.00
1962	20.00	20.00	21.00	19.50	20.50	18.50	14.00	13.00	13.00	13.00	13.00	13.50
1963	14.50	17.00	16.00	15.50	14.50	14.50	15.50	14.50	15.00	16.00	16.00	17.50
1964	16.50	16.50	16.00	16.00	15.50	15.00	15.50	16.00	15.50	14.50	15.50	16.50
1965	24.00	26.50	26.00	26.50	23.00	20.00	16.00	14.50	15.50	17.00	17.00	18.00
1966	18.50	19.00	19.00	18.50	18.50	18.50	18.50	18.00	18.50	17.50	17.50	16.50
1967	17.00	20.00	18.00	15.50	23.00	19.00	19.00	19.00	19.00	18.00	18.00	18.00
1968	18.00	18.50	18.50	18.50	18.50	18.50	17.50	16.50	18.00	17.00	18.00	18.00
1969	17.00	18.00	18.50	19.00	17.00	16.00	17.50	17.00	18.00	18.00	18.50	18.50
1970	19.00	20.00	20.00	19.00	19.00	18.00	17.00	16.00	16.00	18.00	18.00	18.50
1971	18.00	19.50	18.00	18.00	17.50	16.50	17.00	17.50	17.50	18.00	18.00	18.00
1972	20.50	19.50	19.50	19.50	18.50	20.00	19.50	19.00	19.00	19.00	19.00	21.00
1973	20.50	19.50	20.50	19.50	21.00	24.50	24.50	32.00	32.00	32.00	33.50	36.00
1974	37.00	41.00	46.00	46.00	46.50	42.00	39.50	41.50	41.50	42.50	47.50	45.00
1975	47.00	49.50	48.50	54.00	46.50	41.00	41.00	39.50	42.00	41.00	40.00	38.00
1976	41.50	37.00	37.50	34.00	34.00	38.50	44.50	49.00	44.50	47.00	49.50	52.00
1977	54.50	55.50	56.50	57.50	52.50	54.50	46.00	47.00	47.00	42.00	48.50	45.00
1978	48.00	50.00	55.50	57.00	53.00	46.00	44.00	41.00	37.00	33.00	34.50	36.00
1979	37.00	38.50	40.00	41.00	37.00	42.50	41.00	44.50	41.50	41.50	40.00	42.50
1980	41.00	39.00	36.00	37.00	44.50	51.50	78.50	90.00	82.00	83.50	82.00	82.00
1981	82.00	85.00	88.00	88.00	94.00	90.00	81.00	66.00	64.00	69.00	60.00	64.00
1982	64.00	64.00	62.00	58.00	63.00	59.00	50.00	55.00	50.00	50.00	45.00	45.00
1983	43.00	42.00	42.00	44.00	44.00	41.00	44.00	41.00	42.00	43.00	45.00	47.00
1984	46.00	45.00	46.00	45.00	48.00	49.00	47.00	47.00	47.00	49.00	49.00	48.00
1985	48.00	50.00	50.00	51.00	51.00	48.00	52.00	58.00	61.00	60.00	58.00	62.00
1986	63.00	64.00	63.00	63.00	57.00	57.00	48.00	41.00	41.00	40.00	41.00	42.00
OTHER HAY 1/												
1972	16.50	16.00	15.00	16.00	14.50	16.00	16.00	15.00	16.50	15.50	16.50	17.50
1973	18.50	16.50	16.50	17.00	18.00	19.00	19.50	25.50	29.00	28.00	28.00	28.00
1974	28.00	33.00	37.00	39.00	35.00	31.50	33.00	35.00	32.50	35.00	37.50	37.00
1975	39.50	37.50	38.50	40.00	37.00	34.00	32.50	30.50	34.50	33.50	32.00	33.00
1976	34.00	31.00	31.50	28.50	30.50	35.00	37.00	36.00	36.50	40.50	41.00	40.50
1977	47.00	45.50	46.50	47.50	44.00	43.50	35.00	35.00	36.00	32.00	37.00	37.50
1978	39.00	41.50	44.00	46.50	42.00	36.50	35.00	31.50	29.00	27.00	26.00	28.50
1979	30.00	31.00	32.50	33.50	29.00	33.50	35.00	37.00	36.00	32.00	33.50	31.50
1980	35.00	33.50	29.50	27.50	31.50	39.50	62.00	70.00	67.00	65.00	65.50	65.50
1981	67.50	69.00	74.00	74.00	79.50	61.00	65.00	48.00	43.00	48.00	48.00	52.00
1982	52.00	49.00	47.00	50.00	49.00	47.00	33.00	36.00	39.00	40.00	37.00	37.00
1983	35.00	34.00	32.00	31.00	31.00	28.00	31.00	28.00	29.00	30.00	33.00	32.00
1984	31.00	31.00	32.00	31.00	33.00	32.00	35.00	32.00	34.00	34.00	33.00	33.00
1985	32.00	33.00	34.00	34.00	33.00	32.00	34.00	41.00	40.00	40.00	40.00	43.00
1986	43.00	43.00	44.00	44.00	41.00	41.00	37.00	29.00	26.00	24.00	28.00	29.00

1/ Other hay not available prior to 1972.

MARKETING YEAR AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS, by Crop Reporting Districts, North Dakota, 1960-85

Year	North-west	North Central	North-east	West Central	Central	East Central	South-west	South Central	South-east	State Average
			- - - - - - Dollars		Per		Bushel - - - - - -			
ALL WHEAT 1/										
1977	2.41	2.49	2.47	2.46	2.55	2.54	2.41	2.46	2.64	2.47
1978	2.77	2.90	2.90	2.79	2.88	2.95	2.68	2.70	2.96	2.84
1979	3.96	4.06	4.05	3.67	3.85	3.85	3.58	3.64	3.77	3.89
1980	4.86	4.63	4.43	4.25	4.27	4.27	4.92	4.41	4.37	4.52
1981	3.56	3.48	3.57	3.48	3.57	3.75	3.58	3.56	3.72	3.58
1982	3.38	3.37	3.52	3.30	3.52	3.68	3.44	3.40	3.63	3.48
1983	3.72	3.79	3.88	3.60	3.84	3.81	3.56	3.62	3.88	3.78
1984	3.55	3.61	3.64	3.50	3.62	3.56	3.42	3.40	3.58	3.57
1985	3.14	3.17	3.30	3.28	3.29	3.26	3.39	3.52	3.41	3.26
DURUM WHEAT										
1960	1.83	1.89	1.96	1.81	1.93	1.98	1.79	1.83	1.94	1.94
1961	2.88	2.93	2.97	2.85	2.97	3.01	2.76	2.87	2.96	2.96
1962	2.24	2.27	2.33	2.19	2.33	2.37	2.18	2.21	2.29	2.30
1963	1.90	1.95	2.00	1.87	2.00	2.04	1.85	1.87	1.95	1.97
1964	1.33	1.36	1.38	1.31	1.40	1.42	1.29	1.34	1.38	1.38
1965	1.28	1.29	1.25	1.32	1.32	1.40	1.35	1.32	1.36	1.28
1966	1.66	1.70	1.68	1.67	1.71	1.65	1.62	1.62	1.67	1.68
1967	1.62	1.68	1.72	1.62	1.70	1.73	1.58	1.71	1.72	1.69
1968	1.44	1.48	1.47	1.45	1.53	1.58	1.45	1.46	1.62	1.49
1969	1.25	1.30	1.34	1.27	1.34	1.38	1.27	1.28	1.38	1.31
1970	1.30	1.37	1.42	1.32	1.42	1.46	1.30	1.33	1.45	1.38
1971	1.26	1.29	1.34	1.27	1.36	1.38	1.24	1.30	1.36	1.31
1972	1.91	1.93	1.98	1.91	1.99	1.97	1.84	1.93	1.98	1.94
1973	6.27	6.14	6.05	6.19	6.24	5.89	6.20	6.21	6.21	6.17
1974	5.93	5.94	6.00	5.87	6.09	5.96	5.93	5.97	6.02	5.97
1975	4.56	4.68	4.70	4.59	4.68	4.72	4.54	4.47	4.71	4.65
1976	2.34	2.52	2.52	2.49	2.53	2.56	2.45	2.40	2.54	2.47
1977	2.63	2.62	2.63	2.61	2.84	2.91	2.75	2.96	2.87	2.66
1978	2.83	2.97	2.99	3.19	2.98	2.97	2.86	2.88	3.04	2.93
1979	4.26	4.44	4.55	4.47	4.52	4.64	4.22	4.55	4.41	4.41
1980	5.31	4.81	4.83	4.90	4.82	4.98	6.24	5.86	5.28	5.10
1981	3.50	3.47	3.46	3.42	3.48	3.65	3.35	3.34	3.65	3.49
1982	3.36	3.36	3.45	3.21	3.51	3.68	3.53	3.25	3.62	3.42
1983	3.88	3.95	4.07	3.86	4.09	4.06	3.51	3.99	4.09	3.97
1984	3.57	3.69	3.81	3.49	3.78	3.81	3.48	3.53	3.79	3.70
1985	3.10	3.17	3.24	3.08	3.21	3.23	3.17	3.16	3.25	3.16
SPRING WHEAT OTHER THAN DURUM										
1960	1.75	1.79	1.83	1.77	1.81	1.86	1.76	1.78	1.81	1.79
1961	1.99	2.03	2.06	2.00	2.07	2.10	2.02	2.01	2.04	2.04
1962	2.12	2.14	2.19	2.12	2.19	2.24	2.14	2.12	2.20	2.17
1963	1.92	1.96	2.02	1.93	2.02	2.07	1.91	1.96	2.00	1.97
1964	1.39	1.42	1.48	1.41	1.47	1.54	1.41	1.43	1.47	1.44
1965	1.39	1.44	1.45	1.43	1.53	1.56	1.43	1.43	1.49	1.45
1966	1.60	1.65	1.71	1.64	1.71	1.74	1.62	1.66	1.71	1.67
1967	1.38	1.43	1.47	1.42	1.49	1.49	1.41	1.40	1.49	1.44
1968	1.32	1.34	1.33	1.33	1.34	1.37	1.31	1.25	1.35	1.33
1969	1.35	1.39	1.40	1.35	1.42	1.45	1.37	1.34	1.43	1.39
1970	1.39	1.47	1.52	1.42	1.54	1.58	1.45	1.45	1.56	1.48
1971	1.23	1.28	1.33	1.27	1.34	1.36	1.26	1.24	1.36	1.30
1972	1.82	1.86	1.91	1.82	1.93	1.94	1.78	1.84	1.94	1.88
1973	4.23	4.18	4.26	4.21	4.38	4.33	4.24	4.27	4.40	4.28
1974	4.28	4.32	4.38	4.42	4.58	4.51	4.42	4.46	4.60	4.45
1975	3.84	3.99	3.95	4.03	4.12	4.11	3.98	4.18	4.24	4.05
1976	2.47	2.68	2.66	2.60	2.76	2.76	2.54	2.66	2.83	2.67
1977	2.26	2.31	2.39	2.38	2.50	2.51	2.36	2.47	2.64	2.40
1978	2.69	2.77	2.84	2.71	2.83	2.95	2.65	2.67	2.94	2.80
1979	3.43	3.47	3.62	3.47	3.64	3.80	3.50	3.51	3.73	3.61
1980	3.40	4.04	4.00	4.01	4.01	4.19	4.28	4.29	4.28	4.11
1981	3.61	3.48	3.66	3.50	3.60	3.75	3.60	3.56	3.72	3.63
1982	3.40	3.38	3.57	3.32	3.53	3.69	3.46	3.41	3.64	3.51
1983	3.57	3.64	3.76	3.62	3.75	3.82	3.61	3.63	3.88	3.70
1984	3.52	3.45	3.51	3.51	3.55	3.55	3.42	3.39	3.56	3.51
1985	3.21	3.18	3.34	3.37	3.34	3.27	3.45	3.55	3.46	3.34

1/ District estimates for All Wheat start in 1977.

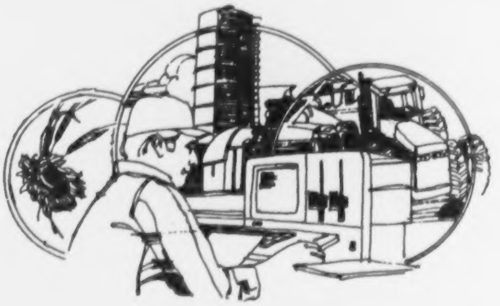


MARKETING YEAR AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS, by Crop Reporting Districts, North Dakota, 1960-85

Year	North-west	North Central	North-east	West Central	Central	East Central	South-west	South Central	South-east	State Average
				- - - - - - Dollars	Per	Bushel - - - - - -				
ALL BARLEY										
1960	.60	.68	.79	.58	.72	.82	.58	.58	.73	.71
1961	.80	.95	1.02	.79	.99	1.10	.76	.77	.98	.96
1962	.76	.85	.80	.73	.87	.86	.67	.70	.77	.80
1963	.71	.78	.79	.66	.76	.91	.65	.64	.74	.75
1964	.81	.88	.87	.75	.93	.97	.73	.74	.84	.85
1965	.93	.98	.98	.87	1.01	1.04	.83	.86	.97	.97
1966	.97	1.02	1.02	.91	1.02	1.06	.87	.90	1.00	1.00
1967	.82	.88	.92	.86	.91	.98	.80	.85	.93	.90
1968	.71	.73	.78	.74	.82	.89	.76	.67	.84	.81
1969	.66	.72	.74	.64	.74	.78	.68	.63	.73	.73
1970	.74	.83	.85	.74	.84	.91	.73	.73	.83	.84
1971	.75	.74	.78	.73	.79	.84	.78	.69	.78	.78
1972	.99	1.03	1.04	.91	1.07	1.11	.97	.94	1.03	1.04
1973	2.06	2.17	2.07	1.87	2.18	2.23	1.88	1.79	2.06	2.09
1974	2.89	3.27	3.16	2.60	3.27	3.35	2.48	2.45	2.71	3.10
1975	2.27	2.58	2.60	2.25	2.69	2.69	2.10	2.02	2.26	2.55
1976	2.15	2.40	2.22	2.17	2.32	2.26	2.05	2.09	2.18	2.24
1977	1.45	1.50	1.59	1.36	1.49	1.51	1.49	1.35	1.62	1.54
1978	1.69	1.74	1.74	1.55	1.83	1.90	1.47	1.38	1.84	1.78
1979	1.96	2.04	2.05	1.95	2.07	2.15	1.91	1.90	2.19	2.10
1980	2.59	2.51	2.63	2.57	2.55	2.88	2.48	2.49	2.68	2.68
1981	2.11	2.20	2.16	2.03	2.06	2.29	2.20	1.87	2.20	2.20
1982	1.70	1.63	1.67	1.50	1.69	1.88	1.68	1.45	1.91	1.76
1983	2.16	2.07	2.22	1.93	2.17	2.28	1.94	2.06	2.20	2.20
1984	1.91	1.87	1.93	1.74	1.85	2.04	1.89	1.78	2.04	1.94
1985	1.67	1.52	1.51	1.48	1.50	1.70	1.70	1.52	1.70	1.60
MALTING BARLEY										
1960	.70	.75	.84	.67	.79	.87	.67	.70	.76	.80
1961	.94	1.02	1.07	.92	1.06	1.14	.81	.88	1.03	1.05
1962	.84	.87	.86	.84	.89	.92	.74	.83	.83	.87
1963	.80	.83	.85	.79	.87	.94	.70	.77	.81	.83
1964	.88	.91	.92	.85	.96	1.00	.74	.86	.92	.93
1965	.98	1.01	1.03	.99	1.03	1.07	.88	.97	1.03	1.02
1966	1.01	1.03	1.04	1.01	1.04	1.08	.90	1.02	1.05	1.05
1967	.86	.89	.94	.90	.93	.98	.82	.93	.95	.94
1968	.77	.77	.84	.82	.86	.92	.84	--	.88	.88
1969	.70	.73	.76	.70	.75	.80	.74	--	.76	.77
1970	.79	.84	.88	.83	.86	.93	.73	--	.87	.88
1971	.77	.75	.80	.76	.81	.85	.80	--	.81	.80
1972	1.04	1.05	1.09	.96	1.10	1.13	--	1.02	1.08	1.08
1973	2.28	2.25	2.23	2.03	2.30	2.36	--	--	2.23	2.26
1974	3.44	3.46	3.41	3.21	3.48	3.51	3.20	3.10	3.33	3.42
1975	2.64	2.71	2.74	2.55	2.86	2.85	2.02	2.36	2.75	2.61
1976	2.40	2.47	2.32	2.36	2.51	2.49	2.14	2.25	2.54	2.41
1977	1.60	1.65	1.70	1.78	1.74	1.68	--	--	1.95	1.69
1978	1.73	1.75	1.77	1.84	1.84	1.95	--	1.99	1.90	1.82
1979	2.01	2.08	2.11	2.02	2.21	2.20	2.31	1.96	2.24	2.15
1980	2.71	2.58	2.79	2.61	2.71	2.98	2.74	2.43	2.83	2.82
1981	2.15	2.27	2.22	2.14	2.23	2.45	2.18	--	2.40	2.30
1982	1.72	1.64	1.72	1.56	1.84	1.90	1.87	1.38	1.96	1.80
1983	2.22	2.06	2.29	1.86	2.19	2.33	2.37	2.26	2.25	2.27
1984	1.98	1.94	1.98	1.99	1.92	2.08	1.98	1.80	2.13	2.01
1985	1.73	1.65	1.62	1.45	1.67	1.80	1.73	1.77	1.73	1.72
FEED BARLEY										
1960	.56	.61	.66	.56	.61	.69	.58	.58	.65	.64
1961	.75	.77	.82	.76	.81	.86	.76	.77	.81	.81
1962	.68	.71	.71	.69	.72	.75	.67	.68	.71	.71
1963	.63	.65	.68	.63	.69	.73	.65	.63	.67	.66
1964	.72	.72	.75	.71	.76	.79	.72	.72	.74	.72
1965	.83	.83	.88	.83	.88	.91	.83	.85	.86	.86
1966	.87	.90	.92	.87	.92	.95	.88	.89	.89	.90
1967	.80	.81	.83	.85	.83	.88	.80	.84	.83	.83
1968	.69	.66	.69	.72	.70	.73	.76	.67	.71	.72
1969	.62	.65	.64	.63	.65	.67	.68	.63	.65	.66
1970	.70	.74	~~.77~~	.70	.76	.81	.73	.73	.77	.77
1971	.70	.67	.69	.71	.68	.73	.78	.69	.71	.70
1972	.95	.96	.95	.88	.95	1.00	.97	.90	.94	.96
1973	1.87	1.83	1.78	1.76	1.84	1.84	1.88	1.79	1.81	1.82
1974	2.26	2.22	2.22	2.24	2.30	2.28	2.33	2.29	2.28	2.27
1975	1.91	1.89	1.98	1.86	2.02	2.08	2.10	2.01	1.97	1.98
1976	1.79	2.02	1.95	1.95	1.97	2.03	2.04	2.08	2.04	1.99
1977	1.27	1.19	1.31	1.33	1.23	1.40	1.49	1.33	1.31	1.32
1978	1.44	1.39	1.41	1.45	1.41	1.46	1.47	1.34	1.48	1.44
1979	1.71	1.86	1.78	1.56	1.95	1.90	1.82	1.72	2.01	1.86
1980	2.38	2.36	2.21	2.45	2.31	2.30	2.37	2.61	2.41	2.29
1981	1.89	2.01	1.95	1.70	1.86	1.98	2.21	1.87	1.98	1.97
1982	1.54	1.50	1.51	1.49	1.60	1.61	1.65	1.45	1.71	1.55
1983	2.07	2.07	2.15	1.96	2.15	2.17	1.92	2.06	2.15	2.12
1984	1.75	1.79	1.84	1.68	1.83	1.91	1.86	1.78	1.83	1.83
1985	1.48	1.44	1.41	1.48	1.47	1.40	1.70	1.47	1.50	1.45

MARKETING YEAR AVERAGE PRICES RECEIVED BY FARMERS FOR SELECTED CROPS,
by Crop Reporting Districts, North Dakota, 1960-85

Year	North-west	North Central	North-east	West Central	Central	East Central	South-west	South Central	South-east	State Average
				- - - - - - Dollars Per Bushel - - - - - -						
OATS										
1960	.41	.42	.45	.40	.43	.49	.46	.40	.45	.44
1961	.56	.56	.54	.53	.54	.57	.56	.53	.54	.54
1962	.46	.48	.51	.45	.51	.56	.48	.46	.52	.51
1963	.48	.49	.52	.48	.52	.55	.50	.48	.53	.51
1964	.50	.51	.53	.50	.53	.57	.53	.51	.54	.53
1965	.47	.48	.50	.47	.50	.54	.49	.48	.51	.50
1966	.51	.53	.55	.52	.55	.58	.54	.53	.57	.55
1967	.52	.53	.54	.54	.55	.57	.56	.54	.55	.55
1968	.49	.47	.50	.52	.49	.53	.56	.50	.51	.51
1969	.48	.49	.52	.50	.52	.56	.52	.48	.54	.52
1970	.47	.51	.52	.49	.52	.57	.52	.50	.55	.51
1971	.45	.43	.47	.44	.46	.50	.50	.45	.49	.47
1972	.58	.59	.62	.57	.62	.66	.58	.59	.65	.61
1973	1.08	1.05	1.09	1.05	1.13	1.12	1.08	1.05	1.19	1.10
1974	1.38	1.34	1.35	1.40	1.43	1.44	1.47	1.42	1.44	1.41
1975	1.31	1.26	1.31	1.29	1.34	1.37	1.36	1.25	1.38	1.32
1976	1.28	1.33	1.37	1.31	1.40	1.43	1.31	1.38	1.48	1.37
1977	.92	.93	.94	.91	.91	.96	1.05	1.10	1.00	.94
1978	.97	.94	1.01	.97	1.00	1.03	1.04	.92	1.03	1.00
1979	1.14	1.15	1.13	1.12	1.13	1.18	1.21	1.16	1.19	1.17
1980	1.74	1.71	1.58	1.77	1.84	1.91	2.33	1.99	1.77	1.78
1981	1.74	1.61	1.57	1.49	1.58	1.71	1.71	1.52	1.66	1.65
1982	1.17	1.13	1.22	1.05	1.19	1.35	1.12	1.13	1.37	1.19
1983	1.38	1.30	1.34	1.22	1.39	1.50	1.25	1.33	1.40	1.37
1984	1.42	1.33	1.41	1.40	1.41	1.53	1.31	1.33	1.43	1.42
1985	1.03	1.02	1.07	1.05	1.05	1.01	1.19	1.17	1.05	1.05
FLAXSEED										
1960	2.46	2.54	2.58	2.41	2.57	2.65	2.40	2.48	2.59	2.55
1961	3.13	3.20	3.24	3.06	3.23	3.31	3.02	3.12	3.24	3.20
1962	2.65	2.70	2.79	2.65	2.77	2.85	2.63	2.67	2.81	2.78
1963	2.61	2.68	2.73	2.61	2.74	2.80	2.57	2.63	2.75	2.73
1964	2.72	2.77	2.83	2.70	2.82	2.88	2.67	2.74	2.84	2.82
1965	2.69	2.73	2.77	2.68	2.78	2.83	2.64	2.71	2.79	2.77
1966	2.79	2.84	2.88	2.79	2.88	2.93	2.73	2.81	2.91	2.87
1967	2.79	2.87	2.91	2.81	2.91	2.96	2.74	2.82	2.94	2.90
1968	2.69	2.74	2.79	2.67	2.78	2.84	2.61	2.68	2.81	2.78
1969	2.53	2.57	2.63	2.51	2.61	2.68	2.48	2.54	2.66	2.62
1970	2.26	2.31	2.39	2.23	2.37	2.44	2.23	2.28	2.41	2.36
1971	2.22	2.26	2.35	2.24	2.33	2.40	2.19	2.26	2.38	2.32
1972	3.04	3.05	3.16	3.01	3.17	3.20	2.85	3.09	3.19	3.13
1973	7.64	7.57	7.59	7.54	7.62	7.67	7.05	7.54	7.73	7.62
1974	9.40	9.55	9.60	9.55	9.77	9.55	9.30	9.42	9.68	9.60
1975	6.30	6.51	6.51	6.42	6.57	6.54	6.19	6.48	6.55	6.51
1976	7.00	7.23	7.31	7.11	7.17	7.22	7.00	7.06	7.23	7.18
1977	4.41	5.02	4.30	3.98	4.52	4.34	4.42	4.59	5.17	4.64
1978	5.79	5.81	6.20	5.78	5.94	6.03	5.41	5.58	5.73	5.84
1979	5.79	5.64	5.54	5.46	5.85	5.75	5.61	6.18	5.86	5.76
1980	7.23	7.19	7.19	7.32	7.02	7.13	7.16	7.23	7.22	7.18
1981	6.62	6.71	6.46	6.63	6.47	6.59	6.68	6.52	6.72	6.57
1982	5.12	5.13	5.00	4.77	5.06	5.60	5.03	4.96	5.25	5.14
1983	6.81	6.87	7.01	6.54	6.90	6.98	6.87	6.62	6.57	6.83
1984	6.01	5.69	5.68	5.80	5.91	6.39	5.74	5.64	6.04	6.07
1985	4.90	4.84	4.85	4.92	5.04	5.07	5.89	4.80	5.30	5.00
ALL SUNFLOWER				- - - - - - Dollars Per Hundredweight - - - - - -						
1980	10.17	10.56	11.25	10.83	11.29	11.11	10.67	10.69	11.14	11.00
1981	10.22	10.04	11.02	9.49	9.78	11.04	9.01	9.51	11.02	10.70
1982	7.45	7.68	9.38	11.09	8.41	9.81	6.91	7.15	10.31	8.85
1983	12.93	12.97	12.99	13.47	13.87	13.27	11.60	12.32	12.46	13.00
1984	10.45	10.55	12.22	10.68	10.83	11.50	9.53	10.26	12.26	11.30
1985	5.62	6.05	9.17	6.32	6.79	9.08	6.06	6.04	7.49	8.01



CROPS: Farm Value of Production, North Dakota, Crops of 1960-86

- - - - - - Thousand Dollars - - - - - -

Year	Grain Corn	Durum Wheat	Spg. Wheat Other than Durum	Winter Wheat	All Wheat	Oats	Barley	Rye	Flaxseed
1960	7,949	52,147	180,110	---	232,257	29,097	60,117	5,000	38,388
1961	6,115	49,728	107,369	---	157,097	16,974	43,521	3,244	26,438
1962	5,344	132,262	214,652	---	346,914	50,720	83,146	13,130	54,277
1963	10,824	86,191	161,256	---	247,447	35,420	75,033	8,578	44,868
1964	5,871	81,177	131,054	1,673	213,904	44,943	72,173	9,589	37,901
1965	7,252	78,606	167,945	898	247,449	53,019	94,827	10,560	54,181
1966	8,845	91,711	164,889	930	257,530	44,108	89,404	5,953	37,893
1967	5,586	92,761	179,150	2,496	274,407	36,630	77,472	3,705	27,205
1968	6,597	124,701	171,482	2,568	298,751	55,778	86,933	3,642	38,531
1969	7,410	122,616	156,458	2,684	281,758	79,884	66,594	4,399	48,308
1970	7,268	63,584	161,486	1,763	226,833	61,229	55,349	4,514	38,798
1971	10,730	107,503	270,024	2,070	379,597	53,406	77,852	7,410	20,975
1972	15,604	127,056	280,396	3,746	411,198	64,398	108,867	3,738	22,912
1973	23,486	429,278	726,209	9,764	1,165,251	81,180	214,204	6,321	57,729
1974	25,051	422,676	607,559	13,688	1,043,923	62,181	174,468	6,705	64,205
1975	17,993	487,971	633,076	10,917	1,131,964	74,144	203,490	6,962	50,127
1976	17,870	223,535	516,779	8,618	748,932	61,431	182,157	6,794	26,997
1977	37,391	160,970	400,800	5,597	567,367	56,400	151,952	3,744	32,480
1978	48,822	299,036	504,252	9,866	813,154	62,640	200,606	9,126	23,506
1979	51,382	372,645	595,993	8,765	981,194	43,243	159,390	6,664	34,445
1980	49,283	373,065	433,400	3,843	812,018	24,030	128,640	2,772	19,386
1981	91,417	446,336	716,562	10,128	1,175,171	72,864	221,760	6,011	26,280
1982	87,693	379,022	734,468	15,756	1,133,906	66,224	181,896	4,800	30,187
1983	88,309	215,670	499,500	16,577	733,811	87,173	252,252	7,733	31,418
1984	106,861	290,783	644,436	69,520	1,014,558	70,972	298,178	9,504	29,591
1985	87,494	301,764	708,113	44,100	1,053,811	46,746	294,800	4,805	30,040
1986	66,542	201,500	496,000	29,232	726,732	44,275	237,533	4,675	32,429

- - - - - - - Thousand Dollars - - - - - - -

Year	Soybeans	Potatoes	Dry Beans	Sunflower			Sugarbeets	All Hay Baled
				Oil	Non-Oil	All		
1960	4,942	19,067	---	---	---	---	6,373	61,461
1961	5,594	13,830	---	---	---	---	5,979	59,170
1962	1,998	14,269	---	---	---	674	6,944	68,073
1963	6,857	14,405	---	---	---	1,266	8,839	56,962
1964	6,932	39,107	957	---	---	448	6,021	73,175
1965	9,902	21,518	1,395	---	---	1,062	8,080	70,388
1966	13,700	22,880	1,676	---	---	2,408	11,026	70,153
1967	9,048	19,135	1,679	2,622	3,674	6,296	12,211	66,320
1968	7,764	20,984	1,624	863	3,091	3,954	14,850	63,085
1969	7,752	26,613	1,867	976	3,618	4,594	18,501	66,805
1970	7,385	29,309	2,660	1,534	4,200	5,734	15,622	74,416
1971	8,357	24,594	3,561	4,655	7,691	12,346	18,542	81,131
1972	16,554	47,850	6,552	11,795	6,381	18,176	16,531	91,818
1973	28,177	88,044	22,365	28,050	8,485	36,535	33,127	134,304
1974	16,338	72,293	15,846	30,644	24,043	54,687	60,449	195,341
1975	14,501	73,920	17,390	39,926	19,176	59,102	51,870	189,648
1976	13,417	59,409	12,454	45,360	21,060	66,420	39,833	180,908
1977	20,405	60,480	17,427	154,019	20,863	174,882	59,257	142,076
1978	32,117	61,425	16,781	241,232	24,584	265,816	69,937	226,260
1979	32,260	59,280	31,905	383,618	24,032	407,650	78,566	194,175
1980	24,640	107,408	66,147	216,972	22,711	239,683	93,387	168,375
1981	39,102	81,506	90,387	302,400	36,717	339,117	55,248	250,270
1982	47,235	75,038	28,476	297,044	30,202	327,246	88,393	203,890
1983	105,465	100,352	30,818	297,440	20,275	317,715	85,102	174,642
1984	95,142	95,860	40,572	277,420	33,950	311,370	85,433	192,124
1985	61,025	75,616	43,344	143,882	34,075	177,957	86,017	194,052
1986	75,083	89,640	75,516	100,828	27,737	128,565	---	195,300

ANNUAL AVERAGE PRICES RECEIVED BY FARMERS, FOR LIVESTOCK, North Dakota, 1960-86

Year	Beef Cattle	Steers & Heifers	Cows	Calves	Hogs	Sheep	Lambs	Wool
		- - - - - - Dollars Per Hundred Pounds Liveweight - - - - - -						$/Lb.
1960	19.40	22.10	13.90	23.60	14.60	4.80	16.60	.440
1961	19.50	21.80	14.40	24.60	15.80	4.10	15.20	.430
1962	21.10	24.10	14.40	27.30	15.60	5.20	16.60	.480
1963	19.90	22.40	13.60	25.30	14.50	4.90	17.00	.480
1964	17.30	19.40	11.70	20.50	14.00	4.60	18.50	.550
1965	18.80	21.30	12.50	22.90	18.10	5.30	21.50	.500
1966	21.50	23.70	16.00	27.10	22.40	5.90	22.80	.530
1967	21.80	23.60	16.00	27.30	18.60	5.30	21.00	.380
1968	22.50	24.60	16.60	28.80	18.00	5.40	23.40	.360
1969	25.20	27.20	19.00	32.80	21.70	6.40	26.10	.380
1970	26.40	28.80	19.50	35.00	21.80	6.20	25.90	.370
1971	27.90	30.80	19.60	37.80	17.00	5.10	24.20	.230
1972	33.50	36.80	23.40	46.70	24.20	4.80	27.10	.350
1973	43.90	48.10	30.70	60.10	37.40	9.80	32.40	.820
1974	33.70	36.90	24.60	37.30	33.50	8.30	33.20	.560
1975	30.20	33.40	19.60	29.40	43.70	7.20	39.30	.350
1976	33.20	35.90	24.10	37.30	42.00	9.60	41.60	.590
1977	34.20	37.00	24.40	40.00	38.10	10.30	49.50	.700
1978	48.40	52.50	34.80	60.10	45.30	15.50	61.60	.740
1979	67.70	75.60	47.40	88.60	40.80	24.50	68.20	.820
1980	61.10	69.30	44.60	78.20	35.00	24.60	61.90	.840
1981	55.30	61.30	41.80	63.10	40.80	16.80	48.90	.790
1982	52.30	58.80	37.70	60.10	48.60	13.80	48.00	.610
1983	52.90	59.80	36.80	62.80	43.00	13.80	50.60	.510
1984	52.70	59.80	36.20	62.30	44.00	12.60	57.80	.700
1985	53.30	58.90	35.50	64.10	41.70	18.80	65.30	.550
1986	51.30	57.00	35.10	63.50	47.60	21.80	67.80	.580

Year	Milk Cows	Turkeys	Farm Chickens	Eggs	Milk Wholesale			Honey 1/	Beeswax 1/
					All	Fluid	Mfg.		
	$/Head	$/Lb.	$/Lb.	$/Doz.		$/Cwt.		$/Lb.	$/Lb.
1960	212.00	.238	.079	.244	3.55	3.74	2.93	.154	.450
1961	218.00	.178	.057	.259	3.44	3.70	3.07	.151	.460
1962	214.00	.213	.050	.230	3.20	3.67	2.79	.137	.460
1963	209.00	.220	.050	.252	3.18	3.66	2.81	.145	.470
1964	192.00	.209	.048	.257	3.23	3.64	2.91	.148	.470
1965	188.00	.211	.049	.249	3.31	3.74	2.97	.140	.460
1966	228.00	.219	.050	.302	3.93	4.20	3.71	.132	.480
1967	234.00	.194	.042	.222	4.11	4.56	3.82	.136	.660
1968	251.00	.202	.042	.229	4.26	4.81	3.97	.137	.650
1969	275.00	.236	.046	.297	4.47	4.99	4.22	.146	.640
1970	306.00	.215	.055	.293	4.85	5.35	4.55	.162	.640
1971	314.00	.205	.050	.221	4.95	5.45	4.65	.214	.640
1972	362.00	.218	.045	.217	5.15	5.60	4.90	.281	.620
1973	461.00	.400	.066	.359	6.30	6.70	6.15	.440	.830
1974	438.00	.300	.072	.373	7.20	7.80	6.90	.490	1.250
1975	328.00	.360	.100	.358	7.55	8.05	7.30	.463	1.080
1976	375.00	.292	.100	.380	8.55	9.05	8.25	.492	1.150
1977	397.00	.350	.040	.370	8.60	9.15	8.30	.490	1.630
1978	570.00	.450	.036	.340	9.55	10.00	9.20	.471	1.810
1979	960.00	.430	.040	.380	11.00	11.50	10.60	.519	1.830
1980	1070.00	.470	.040	.360	11.80	12.40	11.40	.528	1.950
1981	1080.00	.360	.070	.390	12.60	13.20	12.20	.550	1.990
1982	1020.00	.390	.060	.370	12.50	13.10	12.00	---	---
1983	900.00	.320	.070	.530	12.50	13.00	12.00	---	---
1984	780.00	.440	.080	.660	12.30	12.80	11.80	---	---
1985	740.00	.470	.100	.420	11.40	11.90	11.00	---	---
1986	660.00	.480	.090	.460	11.30	11.70	10.90	.440	---

1/ No estimates made 1982-85 for honey; estimates discountinued in 1982 for beeswax.

MONTHLY AVERAGE PRICES RECEIVED BY FARMERS,
North Dakota, 1960-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
				- - - - - - Dollars Per Hundred Pounds Liveweight - - - - - -									
BEEF CATTLE													
1960	18.80	19.10	21.40	21.10	21.70	20.60	19.90	18.60	19.10	18.50	18.30	19.20	19.40
1961	20.00	20.00	20.50	20.00	19.30	19.20	18.70	19.20	19.40	19.40	19.10	19.30	19.50
1962	20.00	19.80	20.50	20.50	21.00	21.20	20.70	21.10	22.10	21.50	21.70	21.50	21.10
1963	21.10	20.20	20.20	20.90	20.20	20.40	20.40	20.70	20.20	19.70	18.60	17.70	19.90
1964	18.30	18.40	19.00	18.00	17.20	16.60	17.80	17.60	17.90	17.20	16.00	15.30	17.30
1965	16.10	16.60	17.20	17.80	19.10	20.50	20.80	20.40	19.70	18.90	18.90	19.50	18.80
1966	20.40	21.50	23.40	23.10	22.60	21.90	21.20	21.70	22.20	21.20	20.50	20.50	21.50
1967	21.10	21.20	21.00	21.20	22.00	22.70	22.90	22.70	22.50	21.90	20.80	21.10	21.80
1968	20.80	21.60	23.00	23.20	23.20	23.10	23.40	23.40	23.00	22.50	22.30	22.40	22.50
1969	22.30	23.40	24.30	25.60	28.10	28.70	27.80	26.20	25.30	24.60	23.80	24.20	25.20
1970	26.00	27.40	29.00	28.90	28.20	28.30	27.50	26.80	26.20	25.80	24.50	24.10	26.40
1971	25.60	27.50	27.90	28.30	28.70	27.80	27.60	27.90	28.10	28.10	28.80	29.00	27.90
1972	30.00	31.50	31.50	31.70	33.90	34.30	34.80	34.70	34.40	36.30	33.90	35.90	33.50
1973	37.80	42.10	44.80	43.20	44.60	45.50	46.60	53.20	47.90	46.00	43.50	40.60	43.90
1974	44.20	43.10	38.70	37.30	36.00	31.20	34.50	35.30	31.10	26.60	24.40	24.10	33.70
1975	23.10	23.60	24.80	28.60	32.30	34.40	33.00	30.70	33.40	33.20	31.60	31.90	30.20
1976	32.20	35.10	33.20	37.30	38.70	36.30	33.70	32.80	31.10	31.20	30.60	31.80	33.20
1977	30.70	32.40	33.40	35.10	36.30	34.70	34.80	36.10	35.40	36.40	34.10	34.50	34.20
1978	37.00	39.40	43.20	49.00	52.50	53.50	52.20	52.70	55.40	56.60	53.00	56.90	48.40
1979	63.40	68.60	72.40	75.60	74.20	69.70	68.70	64.50	67.10	63.80	62.00	66.20	67.70
1980	67.20	74.20	67.70	60.30	56.30	58.70	59.20	63.00	62.00	59.70	54.50	54.60	61.10
1981	61.60	61.00	58.40	60.20	54.10	56.00	57.60	53.90	53.80	49.80	48.40	45.40	55.30
1982	47.00	50.10	56.10	55.40	56.30	53.90	53.50	54.80	54.80	52.60	45.40	47.30	52.30
1983	53.10	58.50	60.40	60.10	56.80	52.90	50.90	50.80	48.50	45.80	46.50	49.40	52.90
1984	54.30	57.40	58.30	56.80	53.80	50.20	52.70	52.70	52.40	47.20	48.50	47.90	52.70
1985	56.50	58.90	58.10	56.40	54.80	49.70	45.60	49.50	49.90	51.50	52.10	48.80	53.30
1986	51.10	53.40	52.40	49.30	49.70	47.90	48.30	52.10	54.40	52.00	52.40	49.60	51.30
STEERS AND HEIFERS													
1960	21.80	22.10	23.80	23.50	24.10	22.60	21.70	20.90	21.50	21.50	21.40	22.50	22.10
1961	23.40	22.80	22.60	21.90	21.20	21.00	20.50	21.40	21.60	22.00	22.00	22.60	21.80
1962	22.70	22.70	22.60	22.80	23.50	23.60	22.90	23.50	25.20	25.00	25.90	25.90	24.10
1963	24.60	23.10	22.00	22.80	22.50	22.60	22.90	23.10	22.40	22.10	21.40	20.70	22.40
1964	21.20	21.00	20.70	19.40	18.70	18.00	19.40	19.50	19.80	19.60	18.40	18.00	19.40
1965	18.90	18.80	18.80	19.40	21.30	22.80	23.00	22.80	22.20	21.50	21.80	22.70	21.30
1966	23.90	24.50	25.60	24.80	24.30	23.50	22.80	23.30	24.00	23.20	22.80	23.00	23.70
1967	23.50	23.10	22.40	22.50	23.50	24.20	24.30	24.30	24.30	24.00	23.00	23.30	23.60
1968	23.30	23.80	24.70	24.70	24.70	24.80	24.90	25.20	25.00	24.70	24.80	25.30	24.60
1969	25.00	25.60	25.90	27.50	30.00	30.90	30.00	28.00	27.00	26.50	26.00	26.50	27.20
1970	28.80	29.90	31.10	30.60	30.10	30.30	29.50	29.00	28.40	28.20	27.00	27.00	28.80
1971	28.50	30.30	30.30	30.60	31.00	30.00	29.90	30.20	30.60	30.90	32.60	33.00	30.80
1972	33.90	35.00	34.00	34.00	36.40	36.80	37.50	37.50	37.00	40.00	37.50	40.50	36.80
1973	42.30	46.30	48.30	45.80	47.50	49.10	50.30	57.50	51.90	50.30	48.70	45.10	48.10
1974	49.20	47.40	41.00	39.40	38.20	33.00	37.40	38.40	34.00	29.50	27.30	27.50	36.90
1975	26.30	26.00	26.70	30.80	34.90	37.90	36.00	33.40	36.50	36.60	35.50	36.40	33.40
1976	35.70	37.80	34.90	39.10	40.90	39.00	35.60	34.70	33.40	33.80	33.80	35.50	35.90
1977	33.70	35.00	35.60	37.10	38.50	37.30	37.40	38.90	38.10	39.70	37.50	38.40	37.00
1978	40.70	42.80	46.40	52.40	55.80	58.20	55.50	56.50	59.60	61.00	57.60	63.00	52.50
1979	69.10	74.10	78.10	80.80	79.30	75.20	74.60	74.30	73.10	75.70	75.10	77.40	75.60
1980	77.70	80.30	71.20	63.60	62.00	65.60	67.30	70.40	68.70	68.50	67.90	68.10	69.30
1981	68.40	65.60	63.10	63.20	58.70	61.10	61.10	58.30	59.80	57.10	57.60	54.10	61.30
1982	54.80	56.10	59.10	60.00	61.00	60.80	59.00	62.40	60.50	59.10	58.00	57.80	58.80
1983	61.70	64.00	64.20	63.60	61.80	59.20	56.90	55.60	52.80	53.40	56.30	59.80	59.80
1984	62.00	62.00	62.10	60.20	58.50	56.90	59.30	57.00	59.10	56.90	59.40	60.40	59.80
1985	64.00	63.90	62.60	60.90	60.00	57.00	51.80	53.50	54.00	56.70	58.30	56.30	58.90
1986	57.80	57.40	56.00	52.60	52.90	53.10	55.10	58.70	59.50	57.70	60.20	60.90	57.00
CALVES													
1960	23.90	24.30	25.30	24.50	26.00	26.00	24.80	22.80	23.20	22.00	23.50	25.10	23.60
1961	25.70	25.10	25.00	24.80	24.10	24.50	23.50	23.70	24.20	24.60	24.40	25.90	24.60
1962	25.10	25.00	25.00	25.50	25.50	26.00	26.50	26.50	27.50	28.00	28.00	28.50	27.30
1963	27.90	26.00	26.50	26.50	26.70	26.00	26.00	26.00	25.80	25.60	24.50	23.80	25.30
1964	24.10	24.10	24.00	23.20	21.70	21.00	21.50	21.40	21.40	20.10	19.00	19.50	20.50
1965	19.80	21.10	21.00	22.00	23.50	24.50	24.00	23.70	23.50	23.20	23.20	24.40	22.90
1966	25.00	28.30	29.50	28.00	27.30	27.60	27.00	26.80	28.10	27.20	26.80	27.00	27.10
1967	27.50	26.30	26.60	26.60	28.10	26.90	27.20	27.50	28.00	28.00	26.70	26.80	27.30
1968	26.80	28.00	28.30	28.80	28.50	29.00	29.50	29.00	29.10	29.10	29.10	29.20	28.80
1969	28.50	29.00	30.00	32.00	33.60	35.50	34.50	34.00	34.00	33.50	32.40	33.00	32.80
1970	34.50	36.40	37.50	37.10	36.10	36.60	35.10	36.40	36.30	35.40	34.50	33.60	35.00
1971	33.60	35.10	35.50	36.00	35.90	35.10	34.10	36.30	36.70	37.40	38.60	39.50	37.80
1972	39.30	42.90	41.00	41.00	43.50	43.60	46.00	50.00	48.00	52.00	48.00	49.50	46.70
1973	52.10	55.00	60.40	55.10	62.00	66.00	61.00	75.80	69.90	62.80	58.30	55.90	60.10
1974	57.30	55.00	50.00	48.80	45.00	37.60	38.00	36.80	34.00	28.60	25.10	25.40	37.30
1975	22.10	22.90	25.50	26.90	31.00	34.00	33.00	26.10	30.50	32.80	32.00	33.20	29.40
1976	33.50	38.10	37.00	40.00	42.00	41.80	35.40	39.10	35.10	34.80	36.60	37.90	37.30
1977	36.50	36.80	37.60	40.80	41.70	38.70	39.30	42.00	44.00	43.40	41.70	40.00	40.00
1978	44.60	48.60	51.00	57.50	60.70	61.30	62.20	63.60	69.50	73.60	72.40	76.20	60.10
1979	83.30	88.10	90.40	89.90	92.70	92.20	89.50	89.70	87.60	88.00	90.40	87.40	88.60
1980	91.30	87.60	81.10	71.80	70.10	73.90	76.10	80.60	79.10	74.60	74.20	73.50	78.20
1981	72.70	68.90	67.70	69.10	64.30	64.80	64.50	64.10	64.70	59.00	59.30	55.50	63.10
1982	54.40	56.00	59.40	61.10	62.90	65.50	62.30	66.50	66.40	62.30	61.80	60.50	60.10
1983	64.60	67.60	66.50	67.70	67.80	65.00	59.70	57.50	58.00	58.20	60.50	62.60	62.80
1984	62.90	63.50	62.90	62.20	61.60	58.10	60.60	61.10	62.40	60.80	62.10	63.20	62.30
1985	65.70	66.90	67.00	66.00	65.90	61.90	59.00	65.80	63.10	63.80	63.50	59.30	64.10
1986	61.70	60.30	61.60	58.40	61.10	57.80	59.70	62.50	63.60	65.10	63.80	65.90	63.50

MONTHLY AVERAGE PRICES RECEIVED BY FARMERS,
North Dakota, 1960-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
- - - - - - Dollars Per Hundred Pounds Liveweight - - - - - -													
HOGS													
1960	11.50	12.50	14.80	14.80	14.90	15.60	15.80	16.00	15.10	16.00	15.60	15.90	14.60
1961	16.00	16.80	16.80	16.70	15.60	15.30	15.50	16.50	16.60	15.50	14.60	14.80	15.80
1962	15.60	15.60	15.50	14.90	14.80	15.20	15.80	16.40	17.20	15.60	15.40	15.30	15.60
1963	15.30	14.50	13.60	13.40	13.90	15.10	16.10	16.00	15.10	14.80	13.30	12.80	14.50
1964	13.70	13.70	13.70	13.40	13.60	13.90	15.00	14.70	15.10	13.80	13.40	13.90	14.00
1965	14.30	14.90	15.40	15.40	18.10	20.40	21.90	22.30	20.80	21.50	21.80	25.60	18.10
1966	26.30	26.00	23.70	21.20	21.20	22.30	22.00	23.30	21.90	20.70	18.70	18.50	22.40
1967	18.50	18.50	17.50	17.10	21.30	21.00	21.30	20.40	18.90	17.50	16.20	16.00	18.60
1968	17.00	18.20	18.10	18.30	18.10	19.00	20.30	18.60	19.00	17.50	17.10	17.20	18.00
1969	17.70	18.90	19.20	19.30	22.00	23.00	23.90	25.00	24.20	23.80	24.10	24.90	21.70
1970	25.30	26.70	25.40	23.30	22.30	22.90	23.40	21.50	19.00	17.90	15.20	14.70	21.80
1971	15.00	18.50	16.40	15.40	16.40	16.80	18.20	18.10	17.70	18.60	18.10	18.80	17.00
1972	21.00	24.50	22.60	22.10	23.60	24.60	26.50	27.00	27.30	26.60	25.80	27.80	24.20
1973	29.90	33.70	37.20	34.50	34.10	35.90	38.50	54.40	46.20	40.10	39.80	37.70	37.40
1974	38.80	38.80	34.40	30.40	26.30	22.70	33.00	34.70	33.20	35.30	35.60	36.70	33.50
1975	36.10	36.80	36.70	38.10	42.30	45.30	50.90	53.70	56.10	58.10	47.80	47.10	43.70
1976	46.20	46.20	44.60	46.00	46.40	48.30	47.40	41.30	39.40	32.00	28.80	34.70	42.00
1977	35.80	37.40	36.40	35.30	39.00	41.00	43.90	41.90	39.30	39.30	36.10	40.20	38.10
1978	42.20	46.40	45.90	44.00	46.50	47.10	43.10	46.10	46.40	49.60	46.80	47.20	45.30
1979	48.80	51.20	49.40	44.30	43.30	38.40	36.90	33.80	36.00	33.20	31.50	36.00	40.80
1980	35.20	35.20	31.60	27.10	25.80	30.60	38.40	43.50	43.40	43.00	42.20	40.10	35.00
1981	36.60	38.70	36.60	36.90	39.20	44.10	44.20	44.20	44.90	41.70	38.80	37.50	40.80
1982	40.90	45.70	46.10	48.10	53.40	54.00	54.30	57.90	58.30	53.30	50.00	51.00	48.60
1983	53.80	54.90	48.00	45.30	43.40	40.60	38.90	42.40	42.00	37.70	35.20	42.90	43.00
1984	46.10	42.40	43.80	45.00	44.60	45.40	47.10	46.30	42.70	39.90	43.10	45.30	44.00
1985	45.20	46.30	41.30	39.00	39.40	42.50	42.60	39.90	36.80	40.60	40.40	42.30	41.70
1986	41.60	40.40	37.60	38.00	44.60	50.00	56.40	59.60	56.40	51.90	50.60	49.00	47.60
SHEEP													
1960	5.50	5.70	6.20	6.50	5.90	5.10	5.00	4.70	4.50	4.30	4.00	4.10	4.80
1961	4.30	4.70	4.70	4.70	4.20	4.20	3.80	3.80	3.80	3.80	4.00	3.90	4.10
1962	4.00	4.70	5.00	4.70	4.60	4.70	4.40	4.40	4.70	5.00	6.20	6.50	5.20
1963	5.70	5.20	5.70	5.70	5.20	4.90	4.50	4.50	4.10	4.20	4.40	4.50	4.90
1964	4.70	5.10	5.40	5.30	4.90	4.60	4.20	4.40	4.30	4.30	4.30	4.70	4.60
1965	4.90	5.60	5.60	5.50	5.00	5.10	5.00	5.00	5.10	5.10	5.50	5.50	5.30
1966	5.90	6.70	7.00	6.40	6.30	5.90	5.40	5.40	5.50	5.50	5.60	5.80	5.90
1967	5.50	6.00	6.00	6.00	5.50	5.20	5.30	5.40	5.40	5.20	4.50	4.50	5.30
1968	4.70	5.40	6.00	6.00	5.50	5.50	5.00	4.60	5.00	5.50	5.50	5.50	5.40
1969	6.00	6.20	6.50	7.40	7.00	6.40	7.10	7.10	6.90	6.20	6.50	6.40	6.40
1970	6.10	7.00	7.10	7.20	7.20	7.30	6.70	6.00	6.00	5.80	5.80	5.00	6.20
1971	5.20	5.70	5.80	5.80	5.60	5.90	6.00	5.50	5.00	4.40	4.40	4.50	5.10
1972	4.20	4.00	4.00	4.40	4.30	4.80	4.90	4.50	4.50	5.00	5.30	6.10	4.80
1973	7.00	7.40	7.50	7.30	8.20	8.20	9.50	12.60	10.50	11.00	11.50	11.50	9.80
1974	12.40	14.10	11.90	11.10	8.50	7.10	8.00	7.10	7.10	4.60	4.50	5.30	8.30
1975	5.30	6.40	7.10	8.40	7.80	7.40	8.40	6.90	7.60	8.00	7.00	7.20	7.20
1976	7.90	9.00	10.50	12.60	10.10	10.00	10.20	10.90	9.80	9.10	9.10	10.40	9.60
1977	12.30	11.90	11.40	10.40	10.00	8.50	9.30	9.00	10.00	11.10	9.10	10.50	10.30
1978	14.30	14.70	15.60	13.40	12.50	12.70	14.10	14.20	15.80	16.10	15.60	18.30	15.50
1979	22.60	24.00	24.50	25.00	24.00	23.50	23.00	23.50	25.00	25.00	25.00	26.30	24.50
1980	31.00	38.00	37.00	25.00	18.00	20.70	21.40	18.10	26.10	20.30	18.40	30.50	24.60
1981	18.60	23.20	21.80	16.20	12.60	14.80	15.80	17.20	15.40	15.50	20.40	14.00	16.80
1982	12.40	14.50	18.20	18.80	12.30	13.80	14.00	12.20	12.10	12.70	12.40	13.50	13.80
1983	14.80	24.60	18.00	14.50	12.20	10.10	11.50	10.30	11.60	10.80	15.60	10.50	13.80
1984	12.70	12.90	13.50	12.30	9.42	10.10	12.20	11.40	14.40	11.70	12.80	13.50	12.60
1985	20.00	17.80	16.80	17.90	16.30	16.00	17.50	20.50	21.50	21.20	24.00	20.90	18.80
1986	25.70	22.10	19.20	17.70	20.30	18.70	21.10	21.30	21.40	23.50	27.30	24.60	21.80
LAMBS													
1960	17.30	17.80	19.60	18.50	18.80	18.70	17.80	1[illegible].90	16.50	15.80	15.50	15.30	16.60
1961	16.00	16.50	16.10	15.70	13.70	14.80	14.80	15.00	15.40	15.00	14.50	14.90	15.20
1962	15.70	15.70	15.50	15.50	15.50	17.00	18.00	18.00	18.00	17.20	17.00	17.00	16.60
1963	17.50	17.00	16.90	17.40	18.20	18.60	17.90	18.00	17.60	16.60	16.70	16.50	17.00
1964	17.10	18.00	19.00	19.00	19.20	19.30	19.50	19.50	19.40	18.90	18.40	18.40	18.50
1965	19.30	21.20	22.10	21.50	21.20	22.00	21.50	21.70	21.70	21.30	22.10	23.10	21.50
1966	25.50	26.30	25.70	23.60	21.40	21.40	21.80	22.40	22.40	21.50	20.60	21.10	22.80
1967	21.30	20.50	20.50	20.50	23.50	23.30	23.00	22.60	21.20	20.80	20.70	20.60	21.00
1968	21.30	22.30	24.80	25.30	25.50	25.30	25.90	24.50	24.30	23.60	23.60	23.60	23.40
1969	24.30	26.00	27.00	27.10	27.00	26.40	27.00	26.90	26.00	26.50	26.20	26.50	26.10
1970	27.60	27.90	27.30	26.10	25.70	27.00	25.70	26.60	25.60	25.00	23.70	22.90	25.90
1971	22.60	23.00	23.70	25.50	26.40	26.00	27.20	26.30	25.90	24.90	24.00	24.00	24.20
1972	25.50	27.10	27.50	27.00	27.50	29.00	29.30	29.30	28.20	26.80	26.00	27.70	27.10
1973	29.80	32.90	38.00	33.70	32.70	34.30	33.00	41.40	31.90	30.20	31.70	33.20	32.40
1974	36.50	36.80	33.40	34.20	37.40	39.60	33.80	33.80	30.00	28.40	32.10	32.70	33.20
1975	33.90	35.00	35.60	39.50	41.00	41.70	37.90	36.10	37.60	40.70	41.50	44.30	39.30
1976	45.40	44.30	47.20	49.50	56.50	47.20	42.90	36.70	40.50	40.50	40.00	40.20	41.60
1977	46.80	49.20	49.50	48.90	55.00	51.00	48.10	47.70	47.50	50.60	50.60	52.40	49.50
1978	57.10	58.50	62.50	62.20	64.70	60.60	56.40	56.90	63.20	65.50	61.20	66.10	61.60
1979	77.50	73.30	65.30	68.00	69.00	65.00	64.00	62.40	68.60	65.00	65.50	66.40	68.20
1980	66.60	62.60	63.30	59.10	53.10	57.00	66.50	65.00	64.20	61.40	58.90	55.90	61.90
1981	53.80	51.80	51.90	56.20	57.30	55.50	61.00	51.50	46.50	45.00	43.60	43.60	48.90
1982	46.60	47.00	54.50	53.90	51.70	55.50	50.60	49.00	47.00	45.00	44.90	48.80	48.00
1983	54.50	57.90	59.20	53.70	49.60	46.10	45.30	43.20	44.50	46.40	50.90	53.20	50.60
1984	55.30	55.70	53.70	50.60	45.10	48.10	54.10	56.80	60.50	59.60	62.00	56.80	57.80
1985	61.60	64.90	67.40	60.20	58.10	64.40	68.70	70.20	68.60	64.70	64.50	62.90	65.30
1986	63.90	67.20	63.80	63.80	72.30	73.00	71.60	68.90	64.60	62.40	67.80	76.40	67.80

MONTHLY AVERAGE PRICES RECEIVED BY FARMERS,
North Dakota, 1960-86

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Average
						- - - - - - Dollars Per Hundredweight - - - - - -							
ALL MILK													
1960	3.65	3.60	3.60	3.55	3.50	3.45	3.35	3.50	3.60	3.70	3.70	3.65	3.55
1961	3.55	3.50	3.40	3.40	3.35	3.25	3.30	3.40	3.50	3.55	3.55	3.60	3.44
1962	3.45	3.35	3.20	3.15	3.00	3.00	3.00	3.10	3.35	3.35	3.40	3.35	3.20
1963	3.30	3.25	3.15	3.10	3.05	3.00	3.05	3.15	3.30	3.35	3.45	3.40	3.18
1964	3.30	3.25	3.20	3.15	3.10	3.05	3.15	3.20	3.35	3.45	3.40	3.40	3.23
1965	3.35	3.30	3.25	3.25	3.15	3.10	3.15	3.30	3.45	3.55	3.55	3.55	3.31
1966	3.60	3.60	3.70	3.65	3.65	3.60	3.90	4.20	4.40	4.40	4.40	4.35	3.93
1967	4.25	4.20	4.15	4.10	4.05	3.90	3.90	4.05	4.15	4.25	4.25	4.20	4.11
1968	4.25	4.15	4.10	4.15	4.10	4.10	4.15	4.30	4.45	4.55	4.55	4.55	4.26
1969	4.50	4.40	4.35	4.35	4.25	4.25	4.35	4.45	4.65	4.80	4.95	4.95	4.47
1970	4.95	4.85	4.70	4.75	4.75	4.50	4.60	4.70	4.95	5.15	5.20	5.14	4.85
1971	5.00	4.95	4.95	4.90	4.75	4.70	4.80	4.90	5.05	5.15	5.20	5.15	4.95
1972	5.20	5.15	5.10	5.00	4.90	4.85	4.90	5.05	5.25	5.45	5.55	5.65	5.15
1973	5.65	5.60	5.65	5.65	5.60	5.60	5.75	6.35	7.15	7.75	8.05	8.30	6.30
1974	8.35	8.35	8.25	7.80	6.90	6.25	6.25	6.50	6.85	7.10	7.15	6.85	7.20
1975	7.00	7.05	7.05	7.10	7.10	7.05	7.20	7.60	8.15	8.55	8.95	9.15	7.55
1976	9.00	8.45	8.60	8.40	8.25	8.20	8.45	8.80	8.65	8.70	8.70	8.60	8.55
1977	8.45	8.35	8.40	8.50	8.45	8.40	8.50	8.65	8.85	9.00	9.10	9.15	8.60
1978	9.10	9.05	9.15	9.20	9.15	9.10	9.20	9.55	9.95	10.30	10.50	10.90	9.55
1979	10.80	10.70	10.70	10.70	10.60	10.50	10.70	11.00	11.30	11.50	11.60	11.90	11.00
1980	11.80	11.60	11.70	11.60	11.40	11.50	11.40	11.70	12.00	12.40	12.70	12.90	11.80
1981	12.90	12.80	12.70	12.50	12.40	12.40	12.30	12.40	12.60	12.90	13.00	13.00	12.60
1982	12.90	12.70	12.60	12.50	12.20	12.10	12.10	12.20	12.50	13.00	13.10	12.90	12.50
1983	12.80	12.70	12.60	12.50	12.30	12.10	12.10	12.10	12.70	12.90	13.00	12.60	12.50
1984	12.40	12.10	12.10	12.00	11.90	11.70	11.80	12.00	12.60	12.90	13.00	12.90	12.30
1985	12.70	12.40	12.10	11.60	11.20	10.90	10.70	10.90	11.10	11.30	11.40	11.40	11.40
1986	11.20	11.10	11.00	10.90	10.80	10.70	10.80	11.10	11.80	12.10	12.30	12.20	11.30
FLUID MILK													
1960	3.80	3.75	3.75	3.70	3.65	3.60	3.55	3.70	3.80	3.90	3.90	3.85	3.74
1961	3.75	3.70	3.65	3.65	3.60	3.50	3.60	3.70	3.80	3.85	3.80	3.85	3.70
1962	3.80	3.75	3.70	3.60	3.50	3.45	3.50	3.65	3.75	3.80	3.85	3.80	3.67
1963	3.75	3.70	3.65	3.60	3.55	3.50	3.50	3.60	3.70	3.75	3.85	3.80	3.66
1964	3.70	3.65	3.60	3.60	3.50	3.45	3.55	3.65	3.75	3.80	3.80	3.75	3.64
1965	3.75	3.70	3.70	3.70	3.60	3.55	3.60	3.70	3.90	3.95	3.95	3.90	3.74
1966	3.85	3.85	3.90	3.95	3.90	3.85	4.15	4.45	4.65	4.70	4.70	4.65	4.20
1967	4.60	4.55	4.55	4.50	4.45	4.35	4.35	4.55	4.65	4.75	4.75	4.70	4.56
1968	4.80	4.70	4.60	4.65	4.60	4.55	4.65	4.90	5.05	5.15	5.15	5.05	4.81
1969	5.00	4.95	4.90	4.85	4.75	4.65	4.75	4.90	5.10	5.25	5.45	5.45	4.99
1970	5.40	5.30	5.20	5.20	5.10	5.00	5.10	5.20	5.50	5.70	5.65	5.65	5.35
1971	5.55	5.45	5.45	5.35	5.20	5.10	5.25	5.40	5.55	5.65	5.70	5.65	5.45
1972	5.60	5.55	5.55	5.50	5.35	5.20	5.30	5.45	5.75	6.00	6.00	6.00	5.60
1973	6.10	6.05	6.00	6.00	6.00	5.95	6.10	6.65	7.40	7.95	8.25	8.55	6.70
1974	8.65	8.75	8.75	8.40	7.75	7.10	6.80	7.00	7.35	7.60	7.65	7.40	7.80
1975	7.50	7.60	7.55	7.55	7.60	7.45	7.55	7.95	8.55	9.05	9.40	9.75	8.05
1976	9.50	9.15	9.25	8.85	8.70	8.65	8.85	9.15	9.15	9.35	9.35	9.10	9.05
1977	8.95	8.90	8.95	9.05	8.90	8.85	9.00	9.15	9.40	9.55	9.65	9.65	9.15
1978	9.65	9.60	9.60	9.60	9.60	9.60	9.70	10.00	10.30	10.80	10.60	11.40	10.00
1979	11.30	11.30	11.20	11.20	11.20	11.10	11.20	11.50	11.70	12.10	12.20	12.40	11.50
1980	12.10	12.10	12.20	12.00	11.90	12.00	12.00	12.30	12.60	13.10	13.30	13.50	12.40
1981	13.50	13.40	13.30	13.10	13.00	12.90	12.90	12.90	13.10	13.40	13.40	13.40	13.20
1982	13.30	13.10	13.10	13.10	12.80	12.70	12.60	12.70	13.10	13.50	13.50	13.40	13.10
1983	13.20	13.20	13.10	13.00	12.80	12.60	12.60	12.60	13.20	13.50	13.40	13.10	13.00
1984	12.80	12.60	12.60	12.50	12.40	12.20	12.30	12.50	13.10	13.40	13.50	13.40	12.80
1985	13.20	12.90	12.50	12.10	11.70	11.40	11.20	11.40	11.60	11.80	11.90	11.80	11.90
1986	11.60	11.50	11.50	11.30	11.30	11.10	11.20	11.50	12.10	12.40	12.60	12.40	11.70
MFG. MILK													
1960	3.00	2.95	2.90	2.90	2.85	2.80	2.75	2.85	2.95	3.05	3.10	3.10	2.93
1961	3.10	3.15	3.05	3.05	3.00	2.95	2.95	3.00	3.10	3.15	3.15	3.20	3.07
1962	3.05	2.95	2.80	2.75	2.65	2.65	2.70	2.70	2.85	2.85	2.90	2.85	2.79
1963	2.85	2.85	2.80	2.75	2.75	2.70	2.75	2.80	2.90	2.90	2.95	3.00	2.81
1964	2.95	2.95	2.90	2.85	2.80	2.80	2.85	2.90	3.00	3.05	3.05	3.05	2.91
1965	3.00	3.00	2.95	2.95	2.85	2.85	2.90	2.95	3.05	3.10	3.15	3.20	2.97
1966	3.35	3.40	3.50	3.45	3.45	3.40	3.70	4.00	4.15	4.15	4.15	4.15	3.71
1967	4.00	3.95	3.90	3.90	3.80	3.65	3.65	3.75	3.80	3.85	3.85	3.85	3.82
1968	3.90	3.80	3.80	3.95	3.90	3.90	3.90	4.00	4.10	4.15	4.20	4.25	3.97
1969	4.20	4.10	4.10	4.10	4.05	4.05	4.15	4.20	4.40	4.55	4.60	4.65	4.22
1970	4.65	4.55	4.45	4.50	4.55	4.30	4.35	4.45	4.60	4.80	4.85	4.80	4.55
1971	4.70	4.70	4.65	4.65	4.55	4.50	4.60	4.65	4.75	4.80	4.85	4.85	4.65
1972	4.95	4.90	4.85	4.75	4.70	4.65	4.70	4.85	5.00	5.10	5.25	5.40	4.90
1973	5.40	5.35	5.45	5.45	5.45	5.45	5.60	6.20	6.95	7.60	7.95	8.15	6.15
1974	8.15	8.15	8.00	7.50	6.50	5.90	6.00	6.25	6.55	6.80	6.80	6.50	6.90
1975	6.65	6.70	6.75	6.85	6.80	6.85	7.05	7.40	7.90	8.30	8.65	8.80	7.30
1976	8.70	8.05	8.25	8.15	8.00	8.00	8.30	8.65	8.40	8.30	8.30	8.30	8.25
1977	8.10	7.95	8.05	8.15	8.20	8.15	8.25	8.35	8.55	8.65	8.70	8.80	8.30
1978	8.75	8.65	8.80	8.90	8.85	8.80	8.90	9.30	9.70	10.00	10.40	10.50	9.20
1979	10.50	10.30	10.30	10.40	10.30	10.20	10.40	10.70	11.10	11.10	11.20	11.50	10.60
1980	11.50	11.30	11.30	11.30	11.10	11.10	11.00	11.30	11.60	11.90	12.20	12.40	11.40
1981	12.40	12.30	12.30	12.10	12.00	12.00	11.90	12.10	12.30	12.50	12.60	12.60	12.20
1982	12.50	12.30	12.20	11.90	11.70	11.60	11.60	11.70	12.00	12.50	12.60	12.40	12.00
1983	12.30	12.20	12.10	12.00	11.80	11.70	11.70	11.70	12.20	12.40	12.60	12.10	12.00
1984	11.90	11.70	11.70	11.60	11.50	11.30	11.40	11.60	12.10	12.40	12.50	12.40	11.80
1985	12.20	12.00	11.70	11.10	10.70	10.50	10.30	10.40	10.60	10.80	10.90	10.90	11.00
1986	10.80	10.60	10.50	10.50	10.40	10.30	10.40	10.80	11.50	11.80	12.00	11.90	10.90

CASH RECEIPTS & FARM PRODUCTION EXPENSES

Total cash receipts from crops, livestock and government payments fluctuated vertically from 1949 to 1966. However, since 1967 total cash farm income has been steady to mostly higher.

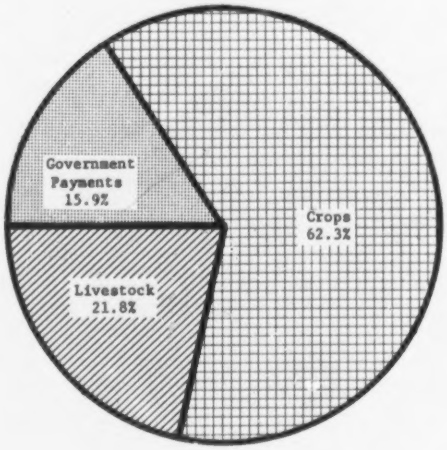
The proportion of North Dakota cash receipts from crops ranged from a low of 52 percent in 1964, 1967, 1968 and 1986 to 81 percent in 1974. The maximum crop receipts totaled $2.1 billion in 1983. The minimum was $309 million in 1961.

Cash receipts from livestock and livestock products ranged from 18 percent of the total cash farm income in 1974 to 37 percent in 1961. The highest receipts from livestock and livestock products was in 1980 at $773 million and the lowest in 1953, at $142 million.

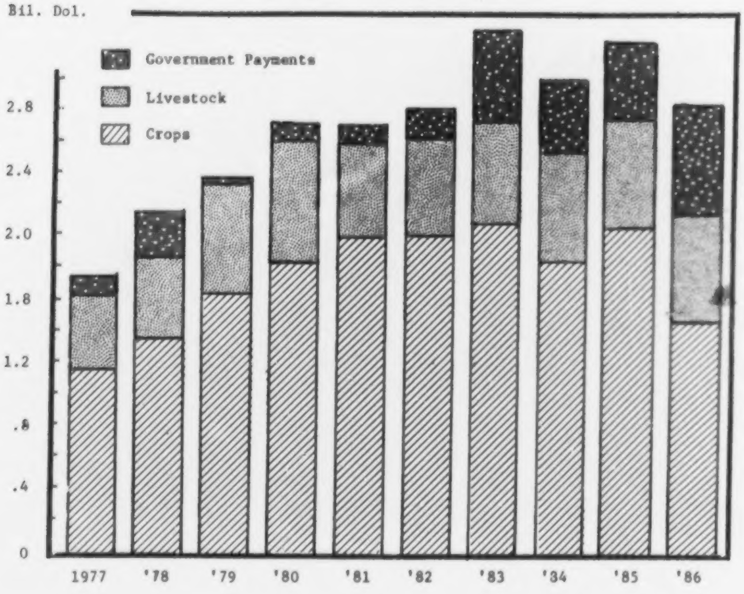
The proportion of cash receipts from government payments increased significantly from 0.7 percent in 1949 to 25 in 1986. Government payments ranged from $3.5 million in 1949 to over $700 million in 1986.

Farm production expenses for North Dakota have increased from $322 million in 1949 to over $2.8 billion in 1983 and 1984. Since 1960, the most significant rise in production imputs was a 58 fold increase in pesticide costs. Property taxes remained the most consistant with a comparatively low 172 percent increase.

CASH RECEIPTS, North Dakota, 5-Year Average, 1982-86



CASH RECEIPTS
North Dakota, 1977-86



Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.

CASH RECEIPTS FROM CROPS, LIVESTOCK AND GOVERNMENT PAYMENTS, North Dakota, 1949-86

Year	Crops		Livestock		Government Payments		Total Cash Farm Income
	Amount	Percent of Total	Amount	Percent of Total	Amount	Percent of Total	
	(000 Dols.)	(%)	(000 Dols.)	(%)	(000 Dols.)	(%)	(000 Dols.)
1949	356,409	67.2	170,577	32.2	3,547	.7	530,533
1950	334,579	65.6	169,865	33.3	5,927	1.2	510,371
1951	375,420	65.8	188,675	33.1	6,562	1.1	570,657
1952	361,995	67.4	168,341	31.3	6,882	1.3	537,218
1953	330,557	69.2	141,744	29.7	5,589	1.2	477,890
1954	311,059	65.1	160,638	33.6	6,017	1.3	477,714
1955	364,365	70.1	150,898	29.0	4,212	.8	519,475
1956	394,492	67.3	172,771	29.5	18,732	3.2	585,995
1957	360,353	60.9	196,181	33.2	35,164	5.9	591,698
1958	412,449	62.5	220,401	33.4	27,260	4.1	660,110
1959	360,399	59.1	217,856	35.7	31,189	5.1	609,444
1960	338,988	61.2	176,557	31.9	38,565	7.0	554,110
1961	308,614	54.7	211,074	37.4	44,336	7.9	564,024
1962	421,458	61.1	195,805	28.4	72,884	10.6	690,147
1963	462,453	62.0	202,869	27.2	80,367	10.8	745,689
1964	343,782	51.7	213,158	32.1	107,677	16.2	664,617
1965	439,085	54.7	247,264	30.8	116,317	14.5	802,666
1966	466,136	53.2	271,974	31.1	137,457	15.7	875,567
1967	434,028	51.8	273,820	32.6	130,850	15.6	838,698
1968	432,266	51.7	263,289	31.5	140,243	16.8	835,798
1969	484,113	53.1	264,857	29.0	162,966	17.9	911,936
1970	504,218	53.4	272,410	28.9	167,239	17.7	943,867
1971	532,440	54.4	305,177	31.2	140,517	14.4	978,134
1972	766,913	57.2	365,949	27.3	208,122	15.5	1,340,984
1973	1,676,285	73.7	477,504	21.0	119,431	5.3	2,273,220
1974	1,980,348	80.6	445,840	18.1	30,968	1.3	2,457,156
1975	1,485,161	75.6	454,649	23.1	24,883	1.3	1,964,693
1976	1,269,077	71.6	480,171	27.1	22,744	1.3	1,771,992
1977	1,149,417	65.8	474,345	27.2	122,603	7.0	1,746,365
1978	1,342,897	62.7	520,829	24.3	278,179	13.0	2,141,905
1979	1,637,655	68.9	693,885	29.2	46,519	2.0	2,378,059
1980	1,829,769	67.3	773,398	28.4	116,634	4.3	2,719,801
1981	1,989.224	73.3	592,259	21.8	130,659	4.8	2,712,142
1982	2,003,656	71.3	606,259	21.6	200,176	7.1	2,810,091
1983	2,090,060	63.4	647,590	19.6	558,428	16.9	3,296,078
1984	1,839,083	61.4	693,387	23.1	463,245	15.5	2,995,715
1985	2,059,883	63.8	686,066	21.2	483,652	15.0	3,229,601
1986	1,466,592	51.7	667,832	23.6	700,180	24.7	2,834,604

Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.

CASH RECEIPTS FROM SPECIFIED CROPS
North Dakota, 1960-85

Year	Corn	Wheat	Oats	Barley	Rye	Flaxseed	Soybeans
		- - - - - - Thousand Dollars - - - - - - -					
1960	2,147	220,484	9,079	46,344	3,578	31,760	5,143
1961	1,810	185,648	7,998	35,193	3,824	29,334	5,935
1962	931	252,876	12,904	50,265	10,527	43,231	2,832
1963	2,292	289,731	14,821	60,883	8,957	50,179	5,823
1964	2,400	187,659	16,204	55,554	8,263	31,111	6,427
1965	2,265	219,335	21,755	77,990	9,692	45,158	7,716
1966	2,800	256,784	20,466	76,988	7,011	47,920	10,478
1967	2,675	248,926	17,621	69,787	4,414	31,214	11,852
1968	2,114	246,244	19,488	67,359	4,088	34,666	7,993
1969	2,888	284,046	28,725	59,263	4,129	35,117	7,271
1970	3,629	312,059	34,375	48,969	3,675	35,397	6,509
1971	4,102	318,578	28,387	64,494	5,486	32,421	10,233
1972	8,249	526,900	35,559	80,395	5,387	17,459	10,932
1973	15,891	1,207,645	63,419	153,505	8,849	51,529	15,227
1974	20,327	1,323,257	60,513	224,619	9,744	61,161	25,761
1975	11,931	931,966	16,827	137,620	7,198	47,131	13,858
1976	11,649	748,811	20,133	153,202	5,592	29,850	12,838
1977	19,378	637,925	17,505	118,002	3,885	31,939	15,842
1978	26,729	740,054	16,838	131,326	7,200	21,947	20,666
1979	24,043	893,147	12,087	137,980	6,607	27,434	31,956
1980	34,882	1,005,083	10,568	105,488	3,399	28,435	29,693
1981	47,164	1,042,949	19,137	187,347	4,742	30,482	30,163
1982	60,802	1,184,747	18,734	134,310	5,329	27,422	47,219
1983	61,280	1,051,171	22,641	208,858	7,446	30,556	60,915
1984	67,214	872,381	21,565	245,998	9,329	24,788	109,821
1985	74,971	1,056,342	15,118	299,105	5,664	27,672	86,192

Year	Potatoes	Drybeans	All Sunflower	Sugarbeets	All Hay	Misc.	Crops Total 1/
		- - - - - - Thousand Dollars - - - - - - -					
1960	19,330	---	---	6,373	4,757	275	338,988
1961	12,903	---	---	5,979	5,659	315	308,614
1962	11,904	158	---	6,944	4,529	152	421,458
1963	11,743	183	---	8,839	3,802	198	462,453
1964	18,576	436	---	6,021	3,310	183	342,782
1965	31,253	1,453	---	8,080	6,136	166	439,085
1966	17,987	1,704	---	11,026	5,408	209	466,136
1967	17,675	1,591	---	12,211	5,614	201	434,028
1968	16,065	1,296	---	14,850	4,947	132	432,266
1969	21,691	1,524	---	18,501	4,712	118	484,113
1970	23,664	2,367	---	15,622	5,954	80	504,218
1971	22,500	3,082	---	18,542	6,472	266	532,440
1972	24,270	5,128	---	16,531	7,098	349	766,913
1973	51,925	16,904	---	33,127	8,670	215	1,676,285
1974	83,625	24,239	---	60,449	14,167	464	1,980,348
1975	49,929	16,943	---	51,870	17,579	346	1,485,161
1976	56,624	15,683	66,420	39,833	20,454	240	1,269,077
1977	54,986	13,296	123,043	54,782	14,281	297	1,149,417
1978	50,254	16,044	190,370	69,937	17,206	348	1,342,897
1979	45,909	25,775	314,534	78,566	20,015	376	1,637,655
1980	71,805	66,493	337,648	93,387	26,198	636	1,829,769
1981	93,967	101,919	314,973	55,247	27,811	550	1,989,224
1982	60,006	31,356	301,343	88,393	18,765	595	2,003,656
1983	74,130	34,149	415,320	85,102	13,105	500	2,090,060
1984	59,098	25,356	272,163	85,433	17,046	550	1,839,083
1985	71,591	54,248	233,240	85,433	17,680	500	2,059,883

1/ Individual commodities may not add to total due to minor revisions not published. Source: Economic Indicators of the Farm Sector, U.S.D.A - E.R.S.

CASH RECEIPTS FROM LIVESTOCK AND LIVESTOCK PRODUCTS
North Dakota, 1960-85

Year	Cattle & Calves	Sheep & Lambs	Hogs	Dairy Products	Chickens
	- - - - - Thousand	Dollars - - - - - -			
1960	97,296	6,829	17,336	38,693	618
1961	129,678	6,694	19,793	41,510	432
1962	117,162	7,470	18,994	40,741	278
1963	128,603	7,611	18,767	39,347	286
1964	133,770	7,388	17,076	39,991	192
1965	169,758	7,487	19,954	36,606	154
1966	187,248	6,919	23,917	38,514	174
1967	201,024	6,153	22,397	38,672	171
1968	191,064	6,422	19,419	39,260	146
1969	185,043	6,200	22,483	38,550	127
1970	192,085	6,368	20,980	41,295	123
1971	223,956	5,691	23,642	41,296	127
1972	276,875	5,802	28,588	43,250	108
1973	353,959	7,472	37,890	57,253	144
1974	325,361	7,019	35,629	62,670	149
1975	329,448	6,056	39,780	62,927	166
1976	339,272	4,190	40,800	75,485	146
1977	336,257	6,561	33,614	77,087	64
1978	372,843	7,526	40,023	81,600	46
1979	526,130	5,338	39,801	92,698	67
1980	592,645	6,021	37,989	106,672	134
1981	400,586	6,856	35,785	120,960	138
1982	398,105	7,848	40,680	123,125	116
1983	436,379	6,790	32,472	131,875	118
1984	480,520	8,385	34,887	124,845	148
1985	479,238	10,834	34,475	122,094	160

Year	Eggs	Turkeys	Wool	Misc.	Livestock Total 1/
	- - - - - - - Thousand	Dollars - - - - - -			
1960	7,300	3,772	2,618	3,495	176,557
1961	8,007	4,077	2,410	3,491	211,074
1962	7,130	3,878	2,661	3,463	195,805
1963	,077	3,382	2,479	3,455	202,869
1964	6,960	3,761	2,498	3,369	213,158
1965	5,914	4,271	2,040	3,443	247,264
1966	6,971	4,418	1,896	3,560	271,974
1967	5,106	3,977	1,324	3,486	273,820
1968	4,752	3,249	1,181	3,189	263,289
1969	5,312	3,908	1,120	3,262	264,857
1970	3,839	4,140	1,138	3,731	272,410
1971	2,789	4,182	695	3,277	305,177
1972	2,581	4,437	1,026	5,089	365,949
1973	4,308	9,013	2,295	7,134	477,504
1974	4,366	3,960	1,483	6,686	445,840
1975	3,495	5,772	774	7,269	454,649
1976	3,330	4,681	1,126	10,883	480,171
1977	2,798	4,944	1,224	11,235	474,345
1978	2,409	6,669	1,236	15,746	520,829
1979	3,193	6,536	1,397	20,553	693,885
1980	2,280	7,952	1,671	19,781	773,398
1981	2,665	7,069	1,600	23,944	592,259
1982	2,960	6,529	1,122	26,896	606,259
1983	4,991	4,524	972	30,441	647,590
1984	6,270	7,503	1,155	30,829	693,387
1985	4,130	8,952	937	26,183	686,066

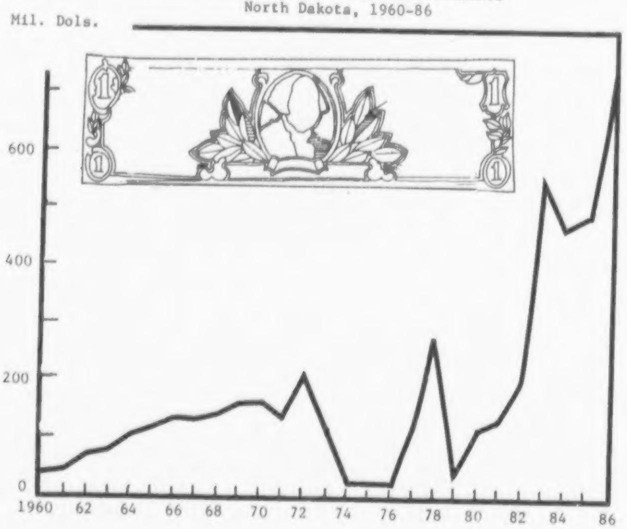
1/ Individual commodities may not add to total due to minor revisions not published. Source: Economic Indicators of the Farm Sector, U.S.D.A - E.R.S

CASH RECEIPTS FROM GOVERNMENT PAYMENTS
North Dakota, 1955-86

Year	Wheat Program	Feed Grain Program	Conservation	Sugar Act 2/	Soil Bank 1/	Cropland Adjustment 1/	Misc.	Total
	- - - - - - - Thousand	Dollars - - - - - - -						
1955	---	---	3,190	1,022	---	---	---	4,212
1956	---	---	3,882	973	12,756	---	1,121	18,732
1957	---	---	4,668	963	28,517	---	1,016	35,164
1958	---	---	5,479	1,167	20,239	---	375	27,260
1959	---	---	6,570	1,120	21,462	---	2,037	31,189
1960	---	---	5,131	1,089	30,646	---	1,699	38,565
1961	2,550	5,457	7,759	1,314	25,453	---	1,803	44,336
1962	26,470	13,285	5,366	1,410	24,623	---	1,730	72,884
1963	31,918	16,433	4,694	1,414	24,443	---	1,465	80,367
1964	57,410	24,487	4,113	1,634	18,905	---	1,128	107,677
1965	65,534	28,639	3,758	1,368	16,039	---	979	116,317
1966	90,838	23,553	3,876	1,729	14,072	2,093	1,296	137,457
1967	99,819	8,609	4,944	1,885	12,024	2,464	1,105	130,850
1968	105,235	12,453	5,154	2,350	10,740	2,332	1,979	140,243
1969	113,013	33,133	4,891	2,427	5,550	2,284	1,668	162,966
1970	122,731	32,891	4,345	3,153	---	2,314	1,805	167,239
1971	119,976	9,956	4,210	2,350	---	2,058	1,967	140,517
1972	141,244	53,587	5,763	2,761	---	1,929	2,838	208,122
1973	78,702	34,508	316	2,073	---	1,273	2,559	119,431
1974	14,628	7,026	3,676	3,264	---	1,154	1,220	30,968
1975	9,431	5,200	4,273	3,222	---	943	1,814	24,883
1976	9,313	5,616	4,835	0	---	397	2,583	22,744
1977	101,618	5,293	5,279	1,218	---	---	9,195	122,603
1978	161,885	75,827	5,373	---	---	---	35,094	278,179
1979	8,227	7,729	2,874	---	---	---	27,689	46,519
1980	74,582	19,200	4,312	---	---	---	18,540	116,634
1981	67,796	14,539	3,563	---	---	---	44,761	130,659
1982	105,480	22,055	2,995	---	---	---	69,646	200,176
1983	141,669	32,542	4,390	---	---	---	379,827	558,428
1984	278,479	21,307	4,543	---	---	---	158,916	463,245
1985	314,187	78,914	4,892	---	---	---	85,659	483,652
1986	511,090	115,067	3,424	---	---	---	70,599	700,180

1/ Soil bank discontinued after 1969, Cropland adjustment discontinued after 1976. 2/ Starting in 1978 payments are in the form of loans to sugar processors which are then repaid when sugar is sold. 3/ Includes Dairy Indemnity, Payments In-Kind(PIK), Regional Development, Water Bank, Wool Act, Cropland Adjustment, Forest Incentive, Emergency Livestock Feed, Extended Farm Storage, Milk Diversion, Animal and Plant Health Inspection Service Indemnity, Rural Clean Water, Clean Lakes, Extended Warehouse Storage, PIK Storage and other programs.
Source: Economic Indicators of the Farm Sector, U.S.D.A.-E.R.S.

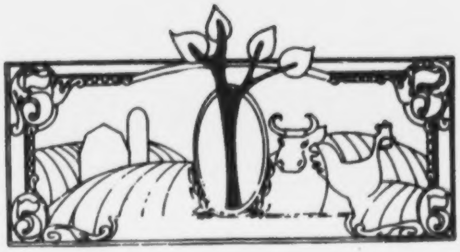
CASH RECEIPTS FROM GOVERNMENT PAYMENTS
North Dakota, 1960-86



FARM INCOME

Net farm income is derived by subtracting farm production expenses from the total gross farm income. Since 1949 total net farm income for North Dakota has ranged from a low of negative (-)$168 million in 1980 to a high of $1.5 billion in 1973. The second highest total was $1.1 billion in 1974, followed by $838 million in 1975.

The net income per farm, between 1949 and 1971, averaged $8,000 or less. Then in 1972 it jumped to $13,800 followed by the record high of $35,300 in 1973. In 1974 it dropped to $25,300 and has since ranged from negative (-)$4,200 in 1980 to $20,000 in 1975.



FARM INCOME, CASH RECEIPTS AND PRODUCTION EXPENSES
North Dakota, 1949-85

Year	Gross Farm Income					Production Expenses	Net Farm Income Current Dollars	Income per Farm	
	Cash Marketing Receipts 1/	Direct Government Payments 2/	Non-money Items & Related Income	Inventory Change	Total			Realized Gross 3/	Total Net 4/
	- - - - - - Thousand	Dollars - - - - - -						- - Dollars - -	
1949	526,986	3,547	34,539	-67,229	497,843	321,572	176,271	7,453	2,639
1950	504,444	5,927	32,310	62,193	604,874	342,901	261,973	9,165	3,969
1951	564,095	6,562	35,941	26,640	633,238	387,825	245,413	9,712	3,764
1952	530,336	6,882	35,267	-34,597	537,888	370,741	167,147	8,326	2,587
1953	472,301	5,589	35,586	25,600	539,076	373,449	165,627	8,489	2,608
1954	471,697	6,017	33,758	2,394	513,866	376,053	137,813	8,222	2,205
1955	515,263	4,212	30,610	58,308	608,393	396,135	212,258	9,893	3,451
1956	567,263	18,732	29,902	4,354	620,251	411,187	209,064	10,201	3,439
1957	556,534	35,164	28,830	-25,299	595,229	419,464	175,765	10,089	2,979
1958	632,850	27,260	29,373	18,703	708,186	451,016	257,170	12,210	4,434
1959	578,255	31,189	29,399	-86,551	552,292	424,587	127,705	9,689	2,240
1960	515,545	38,565	32,007	65,652	651,769	446,351	205,418	11,639	3,668
1961	519,688	44,336	35,867	-76,701	523,190	421,740	101,450	9,513	1,845
1962	617,263	72,884	38,805	205,918	934,870	545,164	389,706	17,639	7,353
1963	665,322	80,367	43,951	-8,803	780,837	519,157	261,680	15,162	5,081
1964	556,940	107,677	45,548	14,187	724,352	546,419	177,933	14,344	3,523
1965	686,349	116,317	48,167	45,678	896,511	586,841	309,670	18,111	6,256
1966	738,110	137,457	51,686	-35,845	891,408	613,248	278,160	18,192	5,677
1967	707,848	130,850	55,214	-10,539	883,373	642,437	240,936	18,404	5,020
1968	695,555	140,243	58,799	1,158	895,755	688,387	207,368	19,059	4,412
1969	748,970	162,966	64,065	52,008	1,028,009	708,977	319,032	22,348	6,935
1970	776,628	167,239	64,687	-60,298	948,256	709,576	238,680	20,841	5,246
1971	837,617	140,517	67,993	89,443	1,135,570	775,415	360,155	25,235	8,003
1972	1,132,862	208,122	70,739	5,394	1,417,117	808,147	608,970	32,207	13,840
1973	2,153,789	119,431	80,458	280,694	2,634,372	1,097,549	1,536,823	60,560	35,329
1974	2,426,188	30,968	101,821	-225,047	2,333,930	1,247,572	1,086,358	54,277	25,264
1975	1,939,810	24,883	120,445	244,904	2,330,042	1,491,806	838,236	55,477	19,958
1976	1,749,248	22,744	134,262	4,870	1,911,124	1,551,848	359,276	46,051	8,657
1977	1,623,762	122,603	142,091	-111,282	1,777,174	1,601,386	175,788	43,346	4,288
1978	1,863,726	278,179	158,100	163,594	2,463,600	1,861,600	602,000	60,088	14,683
1979	2,331,540	46,519	178,300	124,300	2,680,700	2,180,000	500,600	66,190	12,360
1980	2,603,167	116,634	198,000	-598,900	2,318,900	2,487,000	-168,100	57,973	-4,203
1981	2,581,483	130,659	207,300	101,600	3,021,000	2,795,300	225,700	78,468	5,862
1982	2,609,915	200,176	224,200	111,800	3,146,000	2,797,700	348,400	85,027	9,416
1983	2,737,650	558,428	205,200	-450,300	3,050,900	2,800,200	250,700	83,586	6,868
1984	2,532,470	463,245	212,700	263,100	3,471,400	2,833,900	637,600	97,786	17,961
1985	2,745,949	483,652	187,600	-95,200	3,322,100	2,748,300	573,900	97,709	16,879

Totals may not add due to rounding. 1/ Including net Commodity Credit Corporation loans. 2/ Includes cash payments and PIK entitlements. 3/ Includes changes in inventories. 4/ Includes changes in inventories and represents income of farm operators. Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.

FARM PRODUCTION EXPENSES, NORTH DAKOTA, 1960-85

Item and Year	Feed	Livestock Purchased	Seed	Fertilizer & Lime	Fuels & Oil	Electricity	Pesticides	Interest	
								Non-Real Estate	Mortgage
	- - - - - - Thousand Dollars - - - - - -								
1960	22,047	5,035	12,048	13,712	45,740	1,204	2,320	12,158	7,920
1961	24,057	10,465	14,268	15,078	46,602	1,271	2,780	14,664	9,519
1962	25,216	15,962	13,594	15,402	47,048	1,477	3,250	15,934	11,680
1963	27,585	18,856	15,693	14,713	45,457	1,602	3,492	17,277	13,808
1964	25,655	13,448	16,997	16,775	45,239	1,713	3,867	20,055	16,038
1965	25,328	13,375	17,809	18,575	45,650	1,783	5,177	22,941	16,751
1966	28,312	17,769	17,382	23,475	46,487	1,791	6,846	26,201	18,833
1967	28,205	10,558	20,284	28,815	47,756	1,968	9,082	28,920	21,245
1968	25,892	10,768	18,879	33,575	47,776	2,011	8,908	29,629	24,322
1969	28,733	10,803	19,729	30,527	49,642	2,112	9,118	32,722	27,270
1970	33,184	10,171	22,121	32,672	47,580	2,313	11,179	38,239	29,572
1971	34,550	11,374	25,655	31,440	48,369	2,428	15,110	44,486	32,214
1972	37,129	13,900	23,025	32,601	46,957	2,742	20,236	46,036	36,546
1973	62,786	20,424	34,822	61,226	53,596	2,810	23,176	57,920	40,777
1974	63,996	8,789	58,935	103,378	78,264	4,802	27,193	61,649	47,227
1975	52,824	11,637	59,797	124,586	99,885	6,739	34,853	71,293	54,116
1976	58,688	13,520	61,776	133,257	113,330	10,788	44,552	93,389	63,002
1977	52,937	22,078	64,903	139,063	116,262	14,780	44,027	107,386	75,554
1978	61,603	24,619	53,844	150,296	115,406	19,899	64,548	139,244	89,054
1979	85,037	31,950	65,558	172,303	151,525	20,976	86,068	203,165	113,951
1980	89,816	27,240	79,695	222,978	226,258	22,432	91,288	265,669	154,059
1981	83,780	24,059	92,299	205,215	259,563	26,038	111,515	315,254	190,540
1982	72,868	28,015	92,216	158,600	251,600	30,818	116,882	333,700	222,439
1983	89,600	34,868	86,922	140,300	239,600	32,410	113,580	321,700	234,233
1984	82,600	34,606	100,300	129,700	227,300	32,723	130,100	322,800	228,449
1985	84,500	36,900	98,000	160,800	209,500	31,300	135,500	275,500	219,400

Item and Year	Contract Hired Labor	Repair & Operation	Machine Hire & Custom	Fire, Wind & Hail Ins.	Miscellaneous 1/	Depreciation	Property Taxes	Net Rent To Non-operator Landlords	Total
	- - - - - - Thousand Dollars - - - - - -								
1960	33,108	57,159	9,565	4,552	23,364	105,117	34,704	56,598	446,351
1961	29,138	51,234	9,484	4,902	18,585	92,447	36,560	40,686	421,740
1962	36,289	61,250	10,024	4,437	25,921	127,978	38,569	91,133	545,164
1963	33,342	55,772	11,086	3,707	25,778	116,259	39,769	74,961	519,157
1964	33,702	56,006	11,454	5,947	28,927	126,508	42,349	81,739	546,419
1965	39,195	56,730	13,290	7,915	30,457	134,427	43,790	93,648	586,841
1966	40,361	59,187	14,328	3,817	30,818	135,200	45,661	96,780	613,248
1967	38,518	64,875	16,816	8,696	30,065	147,662	47,389	91,583	642,437
1968	39,122	66,513	18,108	11,588	32,889	163,602	49,655	105,150	688,387
1969	39,774	68,087	19,490	11,968	32,865	173,448	43,530	109,159	708,977
1970	40,565	68,302	19,707	9,582	32,027	165,522	47,620	99,220	709,576
1971	44,471	74,145	22,458	9,801	35,528	188,357	49,397	105,632	775,415
1972	44,039	71,617	22,705	9,381	37,829	183,375	51,247	128,782	808,147
1973	48,921	85,996	28,088	10,089	41,324	234,977	51,473	239,144	1,097,549
1974	61,944	107,222	28,096	15,605	48,339	282,948	51,265	197,920	1,247,572
1975	67,453	136,346	33,246	31,185	56,237	379,577	60,415	211,617	1,491,806
1976	82,790	147,216	33,353	34,882	54,104	389,969	63,647	153,585	1,551,848
1977	75,820	152,631	36,286	34,649	52,289	391,002	70,198	151,521	1,601,386
1978	83,566	168,368	--	--	177,300	439,300	71,813	202,762	1,861,600
1979	87,696	181,552	--	--	224,800	445,000	74,976	235,500	2,180,000
1980	87,665	185,058	--	--	204,300	562,700	80,470	187,300	2,487,000
1981	81,296	181,959	--	--	220,900	594,500	80,239	328,100	2,795,300
1982	89,422	181,200	--	--	232,400	606,200	85,639	296,200	2,797,700
1983	85,947	181,000	--	--	240,900	619,500	82,824	297,300	2,800,200
1984	85,500	184,500	--	--	231,200	586,900	86,041	371,100	2,833,900
1985	87,500	171,900	--	--	257,200	537,900	94,500	347,700	2,748,300

1/ Includes machine hire and custom work expenses; marketing, storage and transportation expenses; and miscellaneous expenses. Definitions and data sources for 1978 and later are not directly compatible with those of earlier years. Source: Economic Indicators of the Farm Sector, J.S.D.A. - E.R.S.

FARM REAL ESTATE

NUMBER OF FARMS, VALUE OF LAND AND BUILDINGS, AND FARM REAL ESTATE TAXES
North Dakota, 1950-87

Year	Farms	Land in Farms	Value of Land & Buildings			Farm Real Estate Taxes Per $100 Value	Gross Rent Per Acre 1/		
			Per Acre	Per Farm	Total		Farms	Cropland	Pasture
	(000)	(Mil. Acres)	(Dollars)		(Mil. Dols.)	(Dollars)	- - - Dollars - - -		
1950	66.0	42.7	29	18,700	1,232	1.45			
1951	65.2	42.7	31	20,400	1,332	1.39			
1952	64.6	42.7	36	23,600	1,521	1.23			
1953	63.5	42.7	37	24,900	1,581	1.23			
1954	62.5	42.7	36	24,700	1,542	1.32			
1955	61.5	42.5	36	25,000	1,540	1.35			
1956	60.8	42.5	38	26,600	1,618	1.32			
1957	59.0	42.5	42	30,200	1,781	1.31			
1958	58.0	42.2	46	33,700	1,951	1.21			
1959	57.0	42.2	51	38,000	2,167	1.16			
1960	56.0	42.1	53	40,000	2,241	1.18			
1961	55.0	42.1	55	42,000	2,312	1.22			
1962	53.0	42.1	57	45,000	2,387	1.24			
1963	51.5	42.1	60	49,300	2,540	1.21			
1964	50.5	42.1	64	53,300	2,694	1.19	5.35		2.07
1965	49.5	42.0	67	57,100	2,825	1.19	5.69		2.35
1966	49.0	42.0	73	62,300	3,055	1.14	6.78		2.60
1967	48.0	41.9	78	68,300	3,277	1.11	6.99	10.31	2.89
1968	47.0	41.9	84	74,600	3,504	1.09	7.96	10.80	3.11
1969	46.0	41.9	91	83,000	3,816	1.17	8.36	11.10	3.28
1970	45.5	41.9	94	86,600	3,939	1.21	8.49	11.20	3.61
1971	45.0	41.8	95	88,200	3,971	1.24	8.51	10.92	3.78
1972	44.0	41.8	98	93,100	4,096	1.23	9.57	11.11	3.66
1973	43.5	41.8	108	103,800	4,514	1.12	10.10	11.53	4.48
1974	43.0	41.7	144	139,700	6,005	.87	14.48	17.34	5.89
1975	42.0	42.3	195	196,400	8,249	.74	16.63	20.23	6.20
1976	41.5	42.0	236	238,600	9,903	.65	19.94	24.99	7.21
1977	41.0	41.8	274	279,300	11,451	.62	20.14	25.19	7.55
1978	41.0	41.7	300	304,700	12,493	.58	19.74	24.67	7.43
1979	40.5	41.7	347	357,300	14,470	.51	22.43	27.80	7.80
1980	40.0	41.7	405	422,200	16,888	.48	24.10	30.40	8.70
1981	38.5	41.3	436	467,700	18,007	.46	25.50	31.60	9.11
1982	37.0	41.0	455	504,200	18,655	.48	27.30	32.90	9.24
1983	36.5	41.0	439	493,100	17,999	.48	26.90	32.60	8.70
1984	35.5	41.0	439	507,000	17,999	NA	27.36	32.42	9.86
1985	34.0	40.9	360	433,100	14,724	NA	25.68	31.74	9.00
1986	33.0	40.7	317	390,727	12,894	NA	26.89	29.69	7.78
1987	NA	NA	282	NA	11,475	NA	23.37	28.24	7.83

SOURCE: Data for farms and land in farms are from the August issue of "Crop Production," NASS, USDA. Data for farm real estate values and gross rents per acre are from Agricultural Resources, Ag Land Values and Markets, ERS, USDA. Farm real estate tax data was discontinued after 1983.

1/ New survey started in 1984.

Average Value Per Acre of Farmland and Buildings, by County, Selected Years, North Dakota, 1880-1940

State & County	1880	1890	1900	1910	1920	1925	1930	1935	1940
	Dollars Per Acre								
Adams	-	-	-	21	23	19	19	16	8
Barnes	6	12	14	38	66	44	33	23	16
Benson	-	5	12	29	41	30	28	21	13
Billings	-	-	4	19	13	10	9	7	5
Bottineau	-	4	8	31	38	27	27	22	14
Bowman	-	-	-	20	17	16	13	11	6
Burke	-	-	-	20	31	24	23	18	10
Burleigh	7	6	5	22	29	22	18	12	7
Cass	12	15	23	47	86	58	43	34	31
Cavalier	-	6	11	32	53	38	28	20	17
Dickey	-	9	6	37	57	37	29	21	10
Divide	-	-	-	17	32	24	21	15	9
Dunn	-	4	-	18	22	14	16	12	7
Eddy	-	6	10	28	44	32	24	18	9
Emmons	5	5	4	23	35	29	23	16	8
Foster	6	7	13	33	57	34	25	18	11
Golden Valley	-	-	-	-	20	18	15	11	8
Grand Forks	7	12	20	40	70	48	38	28	26
Grant	-	-	-	-	20	18	16	12	7
Griggs	-	7	12	35	59	39	28	24	13
Hettinger	-	11	-	23	28	23	22	17	11
Kidder	17	6	5	20	27	20	16	11	5
La Moure	-	9	11	37	56	35	29	20	12
Logan	-	7	5	20	30	23	22	14	7
McHenry	-	5	8	27	31	25	21	16	10
McIntosh	-	4	6	21	33	27	27	18	10
McKenzie	-	3	-	15	14	12	10	9	9
McLean	-	8	8	20	29	22	21	15	10
Mercer	-	5	4	21	27	20	23	17	9
Morton	-	5	4	19	23	20	19	13	11
Mountrail	-	2	-	16	23	20	18	14	7
Nelson	-	7	11	33	53	41	33	22	16
Oliver	-	4	4	18	26	22	21	13	9
Pembina	4	12	20	35	65	45	35	25	29
Pierce	-	4	8	29	33	27	24	18	12
Ramsey	4	7	11	32	50	36	32	20	17
Ransom	6	10	11	39	74	44	31	23	16
Renville	-	2	-	24	40	26	23	20	12
Richland	9	12	18	40	80	56	44	33	25
Rolette	-	7	7	26	36	24	21	19	12
Sargent	-	9	9	38	79	46	35	21	15
Sheridan	-	-	-	26	29	21	21	16	9
Sioux	-	-	-	-	17	12	12	9	6
Slope	-	-	-	-	20	14	12	10	5
Stark	-	5	3	22	25	20	21	17	10
Steele	-	8	18	42	69	48	35	26	19
Stutsman	4	11	9	29	44	29	24	16	9
Towner	-	10	11	32	51	36	29	22	15
Traill	7	16	28	49	79	55	45	33	34
Walsh	-	12	20	37	74	45	34	27	29
Ward	-	4	5	24	35	26	23	18	12
Wells	-	5	11	33	49	37	33	22	13
Williams	-	2	8	17	24	19	18	14	11
State	8	10	13	29	41	30	25	18	13

Source: U. S. Census Data from E.R.S. - Statistical Bulletin No.751 published March 1987.

Average Value Per Acre of Farmland and Buildings, by County, Selected Years, North Dakota, 1945-82

State & County	1945	1950	1954	1959	1964	1969	1974	1978	1982
	Dollars Per Acre								
Adams	13	25	29	40	52	75	149	233	244
Barnes	21	34	45	57	77	109	273	457	597
Benson	17	26	34	49	65	94	188	328	431
Billings	8	15	20	33	27	34	73	135	172
Bottineau	19	29	42	60	80	113	244	376	472
Bowman	7	17	21	34	47	60	121	200	286
Burke	12	22	27	37	49	73	133	223	307
Burleigh	10	17	23	37	51	80	185	267	320
Cass	39	66	85	113	145	192	365	753	981
Cavalier	20	34	43	62	94	130	248	485	587
Dickey	15	25	32	47	58	93	233	399	447
Divide	14	22	31	42	55	73	135	258	341
Dunn	11	20	21	30	43	55	103	179	239
Eddy	16	25	26	43	59	89	171	286	429
Emmons	14	25	27	41	51	72	128	253	292
Foster	16	27	29	55	81	112	250	415	530
Golden Valley	13	19	25	40	46	67	130	200	257
Grand Forks	32	55	67	107	124	155	306	593	756
Grant	10	19	22	32	44	62	114	188	266
Griggs	16	29	35	54	75	102	222	379	507
Hettinger	17	27	35	50	68	91	191	259	317
Kidder	9	14	15	29	36	63	120	212	282
La Moure	19	32	37	54	67	107	271	416	473
Logan	15	21	25	34	47	81	135	251	303
McHenry	14	23	28	41	54	77	152	271	342
McIntosh	16	25	30	40	55	77	157	249	279
McKenzie	11	19	29	39	34	48	128	274	261
McLean	15	27	30	44	59	95	200	409	396
Mercer	16	25	28	42	51	74	148	243	306
Morton	15	23	24	35	46	67	138	214	302
Mountrail	11	21	23	34	45	69	132	225	325
Nelson	18	31	38	57	75	106	218	424	456
Oliver	15	25	28	37	49	67	142	220	269
Pembina	38	62	79	115	135	165	325	578	879
Pierce	17	27	31	47	61	88	177	281	364
Ramsey	20	33	41	57	80	117	242	434	539
Ransom	19	31	44	59	74	100	247	446	505
Renville	17	26	38	57	69	107	190	344	434
Richland	32	51	66	94	131	184	367	724	1,072
Rolette	16	25	31	43	60	93	184	368	422
Sargent	20	32	41	56	74	103	252	480	763
Sheridan	15	21	25	40	48	76	175	275	361
Sioux	6	9	14	22	34	51	76	127	193
Slope	9	16	20	36	40	52	124	193	199
Stark	16	27	34	45	63	83	164	278	322
Steele	25	43	54	72	100	119	297	457	619
Stutsman	14	25	29	43	64	92	214	343	456
Towner	21	29	35	50	82	118	216	406	509
Traill	41	66	88	118	150	210	420	817	993
Walsh	35	61	73	110	136	168	354	614	849
Ward	16	28	34	55	72	103	188	340	460
Wells	20	31	39	55	79	100	238	376	500
Williams	12	21	30	40	50	77	168	252	331
State	17	29	36	52	67	94	195	347	439

Source: U. S. Census Data from E.R.S. - Statistical Bulletin No.751 published March 1987.

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WHERE TO FIND HISTORIC COUNTY ESTIMATES

The reference table shows where to find historic estimates. County estimates for most major crops were begun in 1919 and for livestock in 1925 although there are exceptions to both as indicated in the table. Separate estimates of the production of corn for grain were begun in 1957, while corn silage and forage acreage estimates were not begun until 1959. Estimates of commercial grain storage capacity were not made in 1959, nor in 1961-64.

Estimates for all livestock are on a January 1 inventory number basis until 1968 when hog inventory was changed to a December 1 basis. The chicken inventory date was changed to December 1 in 1970. Cattle and Sheep inventory dates remain January 1. County estimates for all sheep were dropped after 1940 and begun again in 1971 to conform with Agricultural Census wording.

PUBLICATION REFERENCE

Item	Agricultural Statistics									
	No. 5	No. 9	No. 33	No. 36	No. 43	No. 46	No. 49	No. 54	No. 55	No. 56
Cost	FREE	FREE	FREE	FREE	FREE	FREE	FREE	$5.00	$5.00	$5.00
Wheat, All	*1919-54		1955-70		1971-75		1976-79	1980-84	1984	1985-86
Winter 1/			1964-70		1971-75		1976-79	1980-84	1984	1985-86
Durum	*1929-54		1955-70		1971-75		1976-79	1980-84	1984	1985-86
Other Spring	*1929-54		1955-70		1971-75		1976-79	1980-84	1984	1985-86
Oats	**1919-54**			**1955-70**	**1971-75**		**1976-79**	**1980-84**	**1984**	**1985-86**
Barley	**1919-54**			**1955-70**	**1971-75**		**1976-79**	**1980-84**	**1984**	**1985-86**
Rye	**1919-54**			**1955-70**	**1971-75**		**1976-78**	**1979-84**	**1984**	**1985-86**
Flaxseed	*1919-54					1955-75	1976-79	1980-84	1984	1985-86
Corn		1919-54		1955-69	1970-75		1976-79	1980-84	1984	1985-86
Soybeans 2/						1954-75	1976-79	1980-84	1984	1985-86
Potatoes		1919-54				1955-75	1976-79	1980-84	1984	1985-86
Sugarbeets						**1958-75**	**1976-79**	**1980-84**	**1984**	**1985-86**
Sunflower						**1969-75**	**1976-79**	**1980-84**	**1984**	**1985-86**
Dry Edible Beans							**1977-79**	**1980-84**	**1984**	**1985-86**
Dry Field Peas 3/						**1959-69**				
Hay, By Kind		1919-54				1955-75	1976-78	1979-84	1984	1985-86
Summer Fallow 4/						1949-75	1976-79	1980-84	1985	
Grain Storage Capacity (Commercial) 5/						1958-75	1976-79	1980-85	1986	

LIVESTOCK INVENTORY	No. 7	No. 17 *	No. 30					
Cattle, All 5/	1925-60	1961-66	1967-71	1972-76	1977-79	1980-84		1985-86
Milk Cows 5/	1925-60	1961-66	1967-71	1972-76	1977-79	1980-84		1985-86
Hogs, All 4/	**1925-60**	**1961-66**	**1967-70**	**1972-75**	**1976-78**	**1979-83**		**1984-85**
Sheep, All 5/	**1925-40**			**1971-76**	**1977-79**	**1980-84**		**1985-86**
Stock Sheep 6/	**1941-60**	**1961-66**	**1967-71**	**1972-75**				
Chickens, All 7/	1951-60	1961-66	1967-70	1971-73				
Horses, All	1925-49	- - - - - - County Estimates Discontinued after 1949 - - - - - -						

HISTORIC PERSPECTIVES

	Unnumbered	No. 14	No. 24	No.39		
Crop Weather		**1950-65**		**1965-76**	**1976-85**	
Price Trends	**1910-57**		**1950-70**			**1960-86**

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*Agricultural Statistics No. 3 & No. 17, supply exhausted, flaxseed in No.2. 1/ Included in Other Spring Wheat prior to 1964. 2/ State estimates 1924-53 in No. 3. 3/ Estimates discontinued after 1966. 4/ Estimates discontinued after 1985. 5/ Estimates discontinued after 1986. 6/ County estimates discontinued after 1975. 7/ County estimates discontinued after 1973.